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national institutes of health

international awards for biomedical research and research training

fiscal year 1980

U.S. DEPARTMENT OF
HEALTH AND HUMAN SERVICES
Public Health Service
National Institutes of Health

NATIONAL INSTITUTES OF HEALTH
INTERNATIONAL AWARDS FOR BIOMEDICAL RESEARCH AND RESEARCH TRAINING
FISCAL YEAR 1980

Prepared by the Staffs of
the International Cooperation and Geographic Studies Branch
Fogarty International Center
and
the Division of Research Grants

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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
National Institutes of Health

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PREFACE

This publication is one of three documents, published annually, relating to international activities of the National Institutes of Health. A companion booklet titled *National Institutes of Health Annual Report of International Activities, Fiscal Year 1980*, contains a comprehensive narrative review and analysis of the international activities undertaken by the National Institutes of Health during that fiscal year. The third booklet, titled *National Institutes of Health Statistical Reference Book of International Activities, Fiscal Year 1980*, contains statistical information reflecting past trends and current support of international activities by the NIH.

This document, *National Institutes of Health International Awards for Biomedical Research and Research Training, Fiscal Year 1980*, lists the individual awards made under the various NIH programs for fiscal year 1980. The listing includes research grants to foreign investigators; contracts and agreements with foreign research institutions; fellowships for foreign graduates to undertake research in the United States and for Americans to work in outstanding foreign laboratories; and assignments of foreign scientists and scholars at NIH.

Research resources involving over 50 countries were utilized or shared by the National Institutes of Health during the year to carry out its primary objective of advancing the medical sciences and the health of the American people. The broadest form of international cooperation involved grants and contracts to foreign institutions. Grant applications are submitted by scientists outside the United States to NIH for consideration. These applications and proposals are then reviewed for scientific merit by distinguished non-Government scientists to assure that the proposed project is scientifically sound and is directly related to the program objectives of the supporting elements of NIH. Foreign grant applications, which are considered in the same competitive review process with U.S. domestic applications, must rank in the upper half of the priority ranking of the council to which they were referred, in order to be awarded.

Each program is listed separately in this report. The listings of the principal programs include: country, foreign institution, principal investigators, and title of the project.

Further information on an individual grant or contract may be obtained from the Institute supporting the award. Information on NIH Special Foreign Currency Agreements (PL-480) may be obtained from the Special Foreign Currency Program, Fogarty International Center. Questions concerning this document or its companion booklets may be addressed to: Chief, International Cooperation and Geographic Studies Branch, Fogarty International Center.

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GLOSSARY OF ABBREVIATIONS

Grant Code	Awarding Organization	Abbreviation
OD, CO	Office of the Director	OD
CA, CB, CM, CP	National Cancer Institute	NCI
EY	National Eye Institute	NEI
HE, HV, HL, HR	National Heart, Lung, and Blood Institute	NHLBI
AI	National Institute of Allergy and Infectious Diseases	NIAID
AM	National Institute of Arthritis, Metabolism, and Digestive Diseases	NIAMDD (NIAMD)
DE	National Institute of Dental Research	NIDR
ES	National Institute of Environmental Health Sciences	NIEHS
GM	National Institute of General Medical Sciences	NIGMS
HD	National Institute of Child Health and Human Development	NICHD
NS	National Institute of Neurological and Communicative Disorders and Stroke	NINCDS (NINDS)
AG	National Institute on Aging	NIA
TW	Fogarty International Center	FIC
LM	National Library of Medicine	NLM
CC	Clinical Center	CC
CR	Division of Computer Research and Technology	DCRT
RR	Division of Research Resources	DRR
RS	Division of Research Services	DRS

INTERNATIONAL AWARDS FOR BIOMEDICAL RESEARCH AND RESEARCH TRAINING

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RESEARCH GRANTS

The National Institutes of Health supports research projects outside the United States only when they have met special criteria established for foreign grants. These criteria include the highest scientific merit and relevancy to the program interests of the NIH as well as conformance with NIH, DHHS, and other Executive Branch policies.

In FY 1980 research grants were made to investigators in 20 countries. A total of 206 awards were made for research projects in foreign countries and international organizations totaling $11,139,437.

The listing of awards includes location, institution, principal investigator, project title, grant number, amount awarded during FY 1980 and amount approved for FY 1981. Arrangement of the grant number is as follows: The Institute or Division that awarded the grant is indicated by a two-letter symbol preceding a five-digit serial number. The symbols for awarding units are given in the glossary of abbreviations. The suffix represents the year of the grant: the initial year's award is designated 01, the 2d year 02, etc. Where supplemental funds have been awarded, this is shown as 02S1 for the first supplement to the 2d year's award, 02S2 for the 2d supplement, etc. Grant numbers ending in A1 show that the grant was amended during the fiscal year. Example: HE06911-06A1.

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TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
ARGENTINA					
BUENOS AIRES					
INSTITUTE OF BIOLOGY AND EXPERIMENTAL MEDICINE					
GUTNISKY, ABRAHAM	HUMAN URINARY ERYTHROPOIETIN COLLECTION	HL16675-07	83,390	75,280	05/83
ORGANIZATION TOTAL	1 83,390				
NAVAL INSTITUTE OF SCIENTIFIC AND TECHNICAL RESEARCH					
CASTRO, JOSE A	MECHANISM OF CARBON TETRACHLORIDE HEPATOTOXICITY	AM13195-11	57,413	24,600	12/81
ORGANIZATION TOTAL	1 57,413				
UNIVERSITY OF BUENOS AIRES					
FRYDMAN, BENJAMIN J	BIOSYNTHETIC INTERMEDIATES OF PORPHYRINS	GM11973-15	16,040		12/80
ORGANIZATION TOTAL	1 16,040				
COUNTRY TOTAL	3 156,843				
AUSTRALIA					
BEDFORD PARK					
FLINDERS UNIVERSITY OF SOUTH AUSTRALIA					
BURGOYNE, LEIGH A	THE INTERNAL SPACE AND SURFACES OF EUKARYOTE NUCLEI	GM27968-01	30,665	25,710	07/83
ORGANIZATION TOTAL	1 30,665				
CANBERRA					
AUSTRALIAN NATIONAL UNIVERSITY					
AIR, GILLIAN M	RNA & PROTEIN SEQUENCING OF INFLUENZA VIRUS VARIANTS	AI15343-02	59,706	62,718	12/81
SHINE, JOHN	BACTERIAL GENES INVOLVED IN SYMBIOTIC NITROGEN FIXATION	GM28027-01	59,863	57,322	08/83
WHITE, MICHAEL J	CYTOGENETICS--CHROMOSOME REARRANGEMENTS	GM22710-05	23,095		03/81
ORGANIZATION TOTAL	3 142,664				
KENSINGTON					
UNIVERSITY OF NEW SOUTH WALES					
STONE, JONATHAN	STUDIES OF THE RETINA AND VISUAL PATHWAYS	EY02671-02	34,202	44,950	12/81
WICKEN, ANTHONY J	VARIATIONS IN THE SURFACE STRUCTURES OF ORAL BACTERIA	DE04175-06	65,031		05/81
ORGANIZATION TOTAL	2 99,233				

TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
AUSTRALIA					
MELBOURNE					
ROYAL SOUTHERN MEMORIAL HOSPITAL					
ZIMMET, PAUL Z	DIABETES IN THE PACIFIC-GENETIC-ENVIRONMENT INTERACTIONS	AM25446-02	149,625		05/81
ORGANIZATION TOTAL	1 149,625				
WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH					
ADAMS, JERRY M	STRUCTURE OF IMMUNOGLOBULIN MESSENGER RNAS AND GENES	CA12421-09	43,219		08/81
METCALF, DONALD	DIFFERENTIATION OF GRANULOCYTES AND MONOCYTES	CA22556-03	36,566		02/81
METCALF, DONALD	LEUKEMIA INDUCTION IN MULTIPOTENTIAL IN VITRO COLONIES	CA25972-02	46,871	49,251	08/82
NOSSAL, GUSTAV J	MECHANISMS OF LYMPHOCYTE-ANTIGEN INTERACTIONS	AI03958-20	80,543		05/81
ORGANIZATION TOTAL	4 207,199				
MURDOCH					
MURDOCH UNIVERSITY					
HOWELL, JOHN M	POMPE'S DISEASE IN CATTLE: A MODEL FOR HUMAN DISEASE	AM22096-02	24,450	27,195	12/81
RENFREE, MARILYN B	DELAYED IMPLANTATION AND DEVELOPMENT IN MARSUPIALS	HD09387-04	71,528	37,984	08/83
ORGANIZATION TOTAL	2 95,978				
PARKVILLE					
UNIVERSITY OF MELBOURNE					
AUGUSTEYN, ROBERT C	THE MECHANISM OF SENILE CATARACT FORMATION	EY01525-06	23,140		06/81
HUDSON, BRYAN	PURIFICATION AND PHYSIOLOGY OF INHIBIN	HD11729-01A1	50,466	60,085	12/81
MC KENZIE, IAN F	CELL SURFACE ANTIGENS OF LYMPHOCYTES AND TUMOR CELLS	CA22080-02	55,077	58,292	01/82
NIALL, HUGH D	CHEMICAL STUDIES OF RELAXIN AND ITS RECEPTORS	HD11908-03	103,340		04/81
ORGANIZATION TOTAL	4 232,023				
SYDNEY					
INSTITUTE OF DENTAL RESEARCH					
KNOX, KENNETH W	VARIATIONS IN THE SURFACE STRUCTURE OF ORAL BACTERIA	DE04174-06	59,732		05/81
ORGANIZATION TOTAL	1 59,732				
UNIVERSITY OF SYDNEY					
MC AVOY, JOHNSTON W	STUDY LENS CELL DIFFERENTIATION	EY03177-02	19,877	18,991	03/82
ORGANIZATION TOTAL	1 19,877				

BEST DOCUMENT AVAILABLE

TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
COUNTRY TOTAL	19 1,036,996				
BELGIUM BRUSSELS FREE UNIVERSITY OF BRUSSELS					
CHRISTOPHE, JEAN P	MOLECULAR BASIS OF SECRETION IN THE EXOCRINE PANCREAS	AM17010-06	32,000	27,000	05/82
VASSART, GILBERT M	STUDY OF THE EXPRESSION OF THE THYROGLOBULIN GENE	AM21732-03	21,000		08/81
ORGANIZATION TOTAL	2 53,000				
LIEGE UNIVERSITY OF LIEGE					
GHUYSEN, JEAN-MARIE	THE PENICILLIN TARGETS IN BACTERIA	AI13364-05	18,000	18,000	08/82
ORGANIZATION TOTAL	1 18,000				
LOUVAIN-LA-NEUVE CATHOLIC UNIVERSITY OF LOUVAIN					
BAZIN, HERVE	REGULATION OF THE RAT IGE SYNTHESIS	AI12840-06	53,357		08/81
HERS, HENRI-GERY	INBORN ERRORS OF CARBOHYDRATE METABOLISM	AM09235-15	45,000	45,000	05/83
LINTS, FREDERIC A	DEVELOPMENTAL PROCESSES AND LIFE-SPAN IN DROSOPHILA	AG02087-01	55,650	50,389	02/83
ORGANIZATION TOTAL	3 154,007				
COUNTRY TOTAL	6 225,007				
CANADA CALGARY ALBERTA PROVINCIAL CANCER HOSPITAL BOARD					
JERRY, L MARTIN	ADJUVANT THERAPY OF BREAST CANCER	CA26710-01	12,502	26,243	11/82
ORGANIZATION TOTAL	1 12,502				
UNIVERSITY OF CALGARY					
TAN, YIN-HWEE	HUMAN INTERFERON PRODUCTION FOR ANTITUMOR STUDIES	CA19721-05	62,323	65,428	06/82
ORGANIZATION TOTAL	1 62,323				

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LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
CANADA					
GUELPH					
UNIVERSITY OF GUELPH					
DRAPER, HAROLD H	TOXICITY AND METABOLISM OF MALONALDEHYDE	CA28242-01	46,675	36,000	02/83
SAFE, STEPHEN H	METABOLISM & CARCINOGENICITY OF HALOAROMATIC POLLUTANTS	CA21814-03	33,878		04/81
ORGANIZATION TOTAL	2 80,553				
HALIFAX					
DALHOUSIE UNIVERSITY					
CYNADER, MAX S	ETIOLOGY OF STRABISMUS IN ANIMALS	EY02248-03	27,918		04/81
REGAN, DAVID	PSYCHOPHYSICAL AND EP ASSESSMENT OF VISUAL PATHOLOGY	EY03058-02	34,180	64,822	08/82
ORGANIZATION TOTAL	2 62,098				
HAMILTON					
MC MASTER UNIVERSITY					
COTT, ARTHUR	BEHAVIORAL TREATMENT OF EPILEPSY AND HEADACHE	NS14906-02	49,775		03/81
DIAMOND, JACK	PLASTICITY IN THE DEVELOPING NERVOUS SYSTEM	NS14951-02	17,712	18,771	06/82
DIAMOND, JACK	TWO-WAY INTERACTIONS AT MECHANOSENSORY JUNCTIONS	NS15592-02	26,576	41,796	06/82
EPAND, RICHARD M	THE ROLE OF GLUCAGON IN DIABETES	AM21285-03	25,488		04/81
SINCLAIR, JOHN C	DETERMINANTS OF GROWTH IN LOW-BIRTH-WEIGHT INFANTS	HD12469-02	48,882		12/80
ORGANIZATION TOTAL	5 168,433				
KINGSTON					
QUEEN'S UNIVERSITY AT KINGSTON					
WYATT, GERARD R	BIOCHEMISTRY OF DEVELOPMENT AND REGULATION	HD07951-07	67,910	55,133	11/82
ORGANIZATION TOTAL	1 67,910				
LONDON					
UNIVERSITY OF WESTERN ONTARIO					
BARNETT, HENRY J	EXTRACRANIAL/INTRACRANIAL ARTERIAL ANASTOMOSIS STUDY	NS14164-04	880,363	927,121	06/82
CHERIAN, M GEORGE	NATURE OF LEAD AND MERCURY BINDING NUCLEAR PROTEINS	ES01535-04	28,630	23,700	06/83

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LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
CANADA					
LONDON					
UNIVERSITY OF WESTERN ONTARIO					
PERCY, DEAN H	HERPETIC OPHTHALMITIS	EY01833-04	13,541	16,750	06/82
TREVITHICK, JOHN R	EYE LENS EPITHELIAL CELL DIFFERENTIATION AND CATARACT	EY01927-04	56,403	57,185	04/83
ORGANIZATION TOTAL	4 978,937				
MONTREAL					
CLINICAL RESEARCH INSTITUTE OF MONTREAL					
CHRETIEN, MICHEL	PROOPIOCORTIN: BIOSYNTHESIS, ISOLATION AND STRUCTURE	NS16315-01	44,106	41,576	11/82
ORGANIZATION TOTAL	1 44,106				
JEWISH GENERAL HOSPITAL					
MARGOLESE, RICHARD G	PRIMARY BREAST CANCER THERAPY GROUP (NSABP)	CA20156-04	34,684	36,763	11/82
PERDUE, JAMES F	CONTROL OF CELL GROWTH BY MITOGEN RECEPTORS	GM23763-02S1	13,491		03/80
ORGANIZATION TOTAL	2 48,175				
MAISONNEUVE-ROSEMONT HOSPITAL					
GAGNAN-BRUNETTE, MICHELE	STUDY OF PHOSPHATASE ACTIVITY ALONG THE NEPHRON	AM25615-02	32,471		07/81
ORGANIZATION TOTAL	1 32,471				
MC GILL UNIVERSITY					
CHANG, HSIN-KANG	PULMONARY ARTERIAL, CAPILLARY AND VENOUS HEMODYNAMICS	HL24348-02	26,523		07/81
MC KENZIE, JOHN M	PATHOGENESIS OF HYPERTHYROIDISM	AM04121-19	58,505	62,355	11/82
PATEL, YOGESH C	STUDIES OF PANCREATIC SOMATOSTATIN PHYSIOLOGY	AM21373-03	40,759		05/81
POSNER, BARRY I	POLYPEPTIDE HORMONE RECEPTORS	AM19573-04	54,673	58,506	04/83
SMITH, CHARLES E	QUANTITATIVE STUDIES OF LYSOSOMES IN THE AMELOGENESIS	DE05424-02	25,000	25,000	06/82
SOLOMON, SAMUEL	FORMATION, METABOLISM AND ROLE OF HORMONES IN PREGNANCY	HD04365-19	88,213	94,230	11/82
TANNENBAUM, GLORIA S	CHARACTERIZATION OF SPONTANEOUSLY DIABETIC WISTAR RATS	AM25888-02	31,723		08/81
ORGANIZATION TOTAL	7 325,396				
ROYAL VICTORIA HOSPITAL					
SHIBATA, HENRY R	PRIMARY BREAST CANCER THERAPY GROUP	CA20321-04	37,800	39,816	11/82
ORGANIZATION TOTAL	1 37,800				
ST.-LUC'S HOSPITAL					
POISSON, ROGER C	PRIMARY BREAST CANCER THERAPY GROUP	CA25769-01	32,659	37,548	12/82
ORGANIZATION TOTAL	1 32,659				

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LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 198	AMOUNT APPROVED FY1981	PROJECT END DATE
CANADA					
OTTAWA					
NATIONAL RESEARCH COUNCIL OF CANADA					
BOYNTON, ALTON L	ASSAYS FOR, AND ACTIONS OF, CARCINOGENS AND PROMOTERS	CA28340-01	51,051	53,660	06/83
ORGANIZATION TOTAL	1 51,051				
SAINT JOHNS					
MEMORIAL UNIVERSITY OF NEWFOUNDLAND					
ANANTHANARAYANAN, V S	COLLAGEN STRUCTURE USING MODEL PEPTIDES	AM26934-01	37,500	36,100	04/83
LAIRD, MARSHALL	LABORATORY BIOCONTROL EVALUATIONS AGAINST SIMULIIDAE	AI14754-03	19,033		08/81
ORGANIZATION TOTAL	2 56,533				
SASKATOON					
UNIVERSITY OF SASKATCHEWAN					
WARRINGTON, ROBERT C	L-HISTIDINOL IN THE BIOLOGY AND THERAPY OF CANCER	CA23823-02	25,200	25,700	04/82
ORGANIZATION TOTAL	1 25,200				
SHERBROOKE					
UNIVERSITY OF SHERBROOKE					
GIBSON, DAVID M	GENETIC CONTROL OF IMMUNOGLOBULIN LIGHT CHAINS	AI15202-03	24,315		08/81
ORGANIZATION TOTAL	1 24,315				
TORONTO					
HOSPITAL FOR SICK CHILDREN					
SCHACHTER, HARRY	GLYCOPROTEIN-GLYCOLIPID METABOLISM IN SPERMATOGENESIS	HD07889-07	53,540	56,700	03/83
ORGANIZATION TOTAL	1 53,540				
ONTARIO CANCER INSTITUTE					
ARCHER, MICHAEL C	MECHANISM OF NITROSAMINE ALKYLATION OF DNA AND RNA	CA26651-02	46,490	49,235	07/82
ORGANIZATION TOTAL	1 46,490				
TORONTO WESTERN HOSPITAL					
CARLEN, PETER L	HIPPOCAMPAL SLICE: MODELLED NEURONS AND DRUG EFFECTS	NS16660-01	48,900	35,022	02/83
ORGANIZATION TOTAL	1 48,900				

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LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
CANADA TORONTO UNIVERSITY OF TORONTO					
CAMERMAN, NORMAN	STEREOCHEMICAL BASIS OF ANTICONVULSANT DRUG ACTIVITY	NS09839-10	23,482	25,811	07/82
DOSTROVSKY, JONATHAN O	DENTAL PAIN: STUDIES ON TRIGEMINAL NUCLEUS CAUDALIS	DE05404-02	35,426	13,833	06/82
EYLAR, EDWIN H	GUILLIAN-BARRE SYNDROME AND ALLERGIC NEURITIS	NS14422-03	58,101		04/81
FARBER, EMMANUEL	PATHOGENESIS OF LIVER CANCER INDUCED BY CHEMICALS	CA21157-04	33,245	35,035	04/83
FARBER, EMMANUEL	A SHORT TERM IN VIVO ASSAY FOR CARCINOGENS	CA25094-02	60,891	64,365	05/82
FRITZ, IRVING B	HORMONE ACTIONS ON SERTOLI CELLS IN SPERMATOGENESIS	HD11741-03	112,819		08/81
LUCIER, GREGORY E	NEURAL MECHANISMS IMPLICATED IN SUDDEN INFANT DEATH	HD10983-03	29,821		03/81
MARLISS, ERROL B	THE SPONTANEOUSLY DIABETIC "BB" WISTAR RAT	AM25371-02	40,754	44,719	05/82
MOBBS, G ELIZABETH	INVESTIGATION OF HORMONE BINDING BY PROSTATIC NUCLEI	CA27412-01	46,100		02/81
SADOWSKI, PAUL D	BACTERIOPHAGE DEVELOPMENT	GM24361-03	69,782		12/80
SARMA, D S	DNA REPAIR/REPLICATION IN CHEMICAL CARCINOGENESIS	CA23958-03	47,804		08/81
SEFTON, MICHAEL V	HEPARINIZED MATERIAL AND BLOOD INTERACTION	HL24020-02	28,700	30,032	06/82
SEN, AMAR K	SODIUM-POTASSIUM ATPASE ACTIVITY REGULATING MECHANISMS	AM20425-03	38,151		08/81
SESSLE, BARRY J	DENTAL AND OROFACIAL PAIN: BRAIN STEM MECHANISMS	DE04786-03	44,485		12/80
ORGANIZATION TOTAL	14 669,561				
VANCOUVER UNIVERSITY OF BRITISH COLUMBIA					
CANDIDO, E PETER	BIOCHEMICAL STUDIES IN DROSOPHILA MELANOGASTER	GM22753-05	46,561	49,737	05/82
DOLPHIN, DAVID H	PORPHYRIN IONS AND RADICALS IN METABOLIC PROCESSES	AM17989-06	70,120	75,082	02/82
MAUK, ARTHUR G	CYTOCHROME B5-HEMOGLOBIN REDOX COUPLE	GM28834-01	32,750	28,135	08/83
MOLDAY, ROBERT S	RETINAL PHOTORECEPTOR MEMBRANE PROTEINS	EY02422-03	32,108		03/81
SLEMMER, GLENN L	CELL BIOLOGY OF MAMMARY GLAND NEOPLASIA	CA18987-03S1	12,735		06/80
SUEDFELD, PETER	RESTRICTED ENVIRONMENTAL STIMULATION TECHNIQUE	HL25918-01	34,570	37,282	08/83

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LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
CANADA					
VANCOUVER					
UNIVERSITY OF BRITISH COLUMBIA					
VANCE, DENNIS E	HORMONAL CONTROL OF PHOSPHOLIPID BIOSYNTHESIS	AM20691-02	41,320	44,140	02/82
WADA, JOHN A	CHRONIC FOCAL EPILEPTOGENIC LESION AND DEEP STRUCTURES	NS02812-20	39,472		08/81
WARD, RICHARD H	GENETIC EPIDEMIOLOGY OF PRECURSORS OF HYPERTENSION	HL26869-01	108,228	92,680	08/83
ORGANIZATION TOTAL	9 417,864				
VICTORIA					
UNIVERSITY OF VICTORIA					
SATZ, PAUL	LATERALITY OF SENSORY & MOTOR FUNCTION IN MAN	NS16347-01	39,650	40,980	04/83
ORGANIZATION TOTAL	1 39,650				
WATERLOO					
UNIVERSITY OF WATERLOO					
CARLSON, JOHN C	THE MECHANISM OF CORPUS LUTEUM RECRESSION	HD14058-01	69,522	64,200	08/83
ORGANIZATION TOTAL	1 69,522				
WINNIPEG					
UNIVERSITY OF MANITOBA					
FRIESEN, HENRY G	PLACENTAL & PITUITARY PROTEIN & POLYPEPTIDE HORMONES	HD07843-07	78,150	83,315	11/82
NIJJAR, M S	ROLE OF CYCLIC AMP IN LUNG GROWTH	HL24515-02	49,487	53,168	07/82
SEHON, ALEC	SUPPRESSION OF THE IGE RESPONSE	AI14526-03	94,079		12/80
ORGANIZATION TOTAL	3 221,716				
COUNTRY TOTAL	65 3,677,705				
DENMARK					
AARHUS					
UNIVERSITY OF AARHUS					
HEIMER, LENNART	BASAL FOREBRAIN ORGANIZATION	NS15510-02	16,650	12,273	06/82
MAGNUSSON, STAFFAN M	PROTEIN STRUCTURE IN COAGULATION AND FIBRINOLYSIS	HL16238-07	61,397	65,621	11/82
ORGANIZATION TOTAL	2 78,047				

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LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
DENMARK COPENHAGEN DANISH CANCER REGISTRY					
JENSEN, OLE MOLLER	CASE-CONTROL STUDY OF URINARY CANCER, COPENHAGEN	CA24119-02	39.135	12,700	01/82
ORGANIZATION TOTAL	1 39,135				
GENTOFTE STENO MEMORIAL HOSPITAL					
LERNMARK, AKE	ISLET CELL MEMBRANE ANTIBODIES IN DIABETES	AM26190-01	45,945	46,034	12/82
ORGANIZATION TOTAL	1 45,945				
COUNTRY TOTAL	4 163,127				
FINLAND HELSINKI UNIVERSITY OF HELSINKI					
GAHMBERG, CARL G	GLYCOPROTEINS OF NORMAL/MALIGNANT HUMAN BLOOD CELLS	CA26294-01A1	33.900	36.020	08/83
HAYRY, PEKKA J	MECHANISMS OF KIDNEY GRAFT REJECTION	AM26882-01	58.000	59.680	05/83
KONTIAINEN, SIRKKA K	REGULATION OF IMMUNE RESPONSES BY SPECIFIC FACTORS	AI13145-05	41,060	41,722	03/82
SAKSELA, EERO J	NATURAL AND TISSUE-SPECIFIC IMMUNITY TO HUMAN NEOPLASMS	CA23809-02	40.220	42,572	01/82
VAHERI, ANTTI I	FIBRONECTIN AND ITS LOSS IN MALIGNANT TRANSFORMATION	CA24605-02	32,680	33,062	01/82
ORGANIZATION TOTAL	5 205,860				
OULU UNIVERSITY OF OULU					
TRYGGVASON, KARL	BIOCHEMICAL STUDIES ON BASEMENT MEMBRANE IN DIABETES	AM27139-01	22,100	12,200	08/83
ORGANIZATION TOTAL	1 22,100				
TURKU UNIVERSITY OF TURKU					
HARTIALA, KAARLO J	GASTROINTESTINAL AND PULMONARY METABOLIC FUNCTIONS	ES01684-19	61,200	65,456	06/83
ORGANIZATION TOTAL	1 61,200				
COUNTRY TOTAL	7 289,160				

TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
FRANCE PARIS					
COLLEGE OF FRANCE					
LE DOUARIN, NICOLE M	MIGRATION AND DIFFERENTIATION OF NEURAL CREST CELLS	DE04257-04	20,500	28,000	02/83
ORGANIZATION TOTAL	1 20,500				
NATIONAL CENTER FOR SCIENTIFIC RESEARCH					
POLONSKY, JUDITH	NEW NATURAL ANTINEOPLASTIC QUASSINOIDS AND LIMONOIDS	CA26699-01	34,395	26,020	03/82
ORGANIZATION TOTAL	1 34,395				
NATURE AND BIOLOGICAL SOCIETY					
ROBEL, PAUL	STUDY OF STEROID RECEPTORS IN BPH CELL TYPES	AM25461-02	30,030	33,033	05/82
ORGANIZATION TOTAL	1 30,030				
UNIVERSITY OF PARIS VII					
DAUSSET, JEAN	SURFACE LEUKOCYTE ANTIGENS AND SKIN GRAFTS	AI09293-19	33,000	33,000	01/84
ORGANIZATION TOTAL	1 33,000				
COUNTRY TOTAL	4 117,925				
GERMANY FED R TUBINGEN					
MAX PLANCK SOCIETY FOR THE ADVANCEMENT OF SCIENCE--INSTITUTE FOR BIOLOGY					
KLEIN, JAN	POLYMORPHISM OF THE MAJOR HISTOCOMPATIBILITY COMPLEX	AI14736-03	93,564	99,740	05/83
ORGANIZATION TOTAL	1 93,564				
COUNTRY TOTAL	1 93,564				
IRELAND DUBLIN					
ST. VINCENT'S HOSPITAL					
MC KENNA, TERENCE J	HORMONAL DISTURBANCES IN ANOVULATORY-HIRSUTE PATIENTS	HD12248-03	53,305		08/81
ORGANIZATION TOTAL	1 53,305				
COUNTRY TOTAL	1 53,305				
ISRAEL HAIFA					
TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY					
HERSHKO, AVRAM	MECHANISMS OF INTRACELLULAR PROTEIN BREAKDOWN	AM25614-01	28,000	29,600	01/83

TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
ISRAEL					
HAIFA					
TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY					
PERLMAN, IDO	MECHANISMS OF VISUAL ADAPTATION IN THE VERTEBRATE EYE	EY03423-01	25,750	22,550	11/82
ORGANIZATION TOTAL	2 53,750				
JERUSALEM					
HADASSAH UNIVERSITY HOSPITAL					
COHEN, ALAN M	EPIDEMIOLOGY OF DIABETES AMONG NEW IMMIGRANT YEMENITES	AM20733-03	54,389		12/80
EISENBERG, SHLOMO	PLASMA LIPOPROTEINS CONVERSIONS--PATHWAYS & MECHANISMS	HL23864-02	47,531	50,626	04/82
SLAVIN, SHIMON	A NEW APPROACH TO MARROW AND ORGAN TRANSPLANTATION	AI15387-02	65,731	70,363	11/83
STEIN, YECHEZKIEL	DIETS FOR PREVENTION OF CHD AND HDL METABOLISM	HL24680-02	81,845	88,481	08/82
ORGANIZATION TOTAL	4 249,496				
HEBREW UNIVERSITY OF JERUSALEM					
BAB, ITAI A	DYNAMICS OF MATRIX VESICLE ACTIVITY IN SOCKET HEALING	DE05453-01	13,528		08/81
CABANTCHIK, Z IOAV	ANION TRANSPORT: MOLECULAR DISSECTION OF PROCESSES	GM27753-01	51,037	39,507	04/83
CEDAR, HOWARD	TRANSCRIPTION AND MODIFICATION OF CHROMATIN DNA	GM20483-07	49,411	50,988	05/83
CERASI, EROL	PATHOGENESIS OF DIABETES MELLITUS	AM21598-03	109,525		05/81
DIKSTEIN, SHABTAY	GABA AND THE RABBIT CORNEAL ENDOTHELIAL PUMP	EY02919-02	29,352	29,313	02/82
GATT, SHIMON	METABOLISM OF THE SPHINGOLIPIDS AND C24 FATTY ACIDS	NS02967-20	53,755	45,380	05/83
GLASER, GAD	STRUCTURE AND CONTROL OF E COLI PROMOTER ACTIVITY	GM25286-03	29,036		07/81
LEVITZKI, ALEXANDER	BETA-ADRENERGIC RECEPTOR ADENYLATE CYCLASE COMPLEX	GM26604-02	40,924	43,415	06/82
LEVITZKI, ALEXANDER	THE ADENOSINE RECEPTOR AND ITS MODE OF COUPLING	GM27087-01	44,035	45,557	03/83
NAOR, DAVID	IMMUNE RESPONSE TO MOLONEY INDUCED YAC TUMOR	CA23874-03	51,833		07/81
ROTSHENKER, SHLOMO	RESPONSE OF INTACT MOTOR NEURONS TO NEURONAL LESION	NS14507-02	17,195	12,172	11/81
SCHRAMM, MICHAEL	ACTION OF HORMONE RECEPTORS IN THE CELL MEMBRANE	AM10451-15	81,192		05/81
SELINGER, ZVI	A SEARCH FOR LONG-LASTING ANALOGS OF SUBSTANCE P	NS16658-01	56,800	56,099	08/83
SHAFRIR, ELEAZAR	METABOLISM OF LOW INSULIN RESPONDING SPINY MOUSE	AM21228-03	46,780		11/80

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TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
ISRAEL JERUSALEM HEBREW UNIVERSITY OF JERUSALEM					
SHOSHAN, SHMUEL	COLLAGEN IN GENETICALLY SELECTED DIABETIC RATS	AM21239-02S1	2,500		03/81
SHOSHAN, SHMUEL	COLLAGEN IN GENETICALLY SELECTED DIABETIC RATS	AM21239-03	34,464		03/81
ORGANIZATION TOTAL	16 711,367				
REHOVOT WEIZMANN INSTITUTE OF SCIENCE					
ALONI, YOSEF	CONTROL OF GENE EXPRESSION IN TUMOR VIRUSES AND CELLS	CA14995-07	75,150	79,533	06/83
BERENBLUM, ISAAC	NEW APPROACHES TO SYSTEMIC TWO-STAGE CARCINOGENESIS	CA21088-04	52,100	53,100	07/82
COHEN, IRUN R	IMMUNITY AND AUTOIMMUNITY TO INSULIN	AM26766-01	42,300	45,788	03/83
FELDMAN, MICHAEL	THE IMMUNOBIOLOGY OF TUMOR METASTASIS	CA28139-01	91,350	127,620	06/83
GRINVALD, AMIRAM	PLASTICITY AND REGENERATION IN THE CNS	NS14716-02	15,501	10,700	03/82
HAGLER, ARNOLD T	MONTE CARLO SIMULATION OF WATER IN BIOLOGICAL SYSTEMS	GM24117-03	25,945		12/80
SCHLESSINGER, JOSEPH	RECEPTORS & GROWTH FACTORS FOR NEOPLASTIC CELLS	CA25820-02	33,490	27,839	07/82
SHINITZKY, MEIR	MODULATION OF CELLULAR RESPONSES BY MEMBRANE FLUIDITY	CA27471-01	75,330	68,060	03/83
YAFFE, DAVID	CONTROL OF DIFFERENTIATION IN ESTABLISHED CELL LINES	GM22767-04	49,410	52,345	12/82
ORGANIZATION TOTAL	9 460,576				
REHOVOTH KAPLAN HOSPITAL					
BENTWICH, ZVI H	VARIATION IN CANCER PATIENT SURVIVAL BY RACE	CA24418-03	47,853	27,000	07/82
ORGANIZATION TOTAL	1 47,853				
TEL AVIV TEL AVIV UNIVERSITY					
WITZ, ISAAC P	FUNCTIONS OF TUMOR-BOUND IG AND IG-RECEPTOR MOLECULES	CA20088-04	123,310	130,601	07/83
ORGANIZATION TOTAL	1 123,310				

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TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
ISRAEL					
TEL HASHOMER					
CHAIM SHEBA MEDICAL CENTER					
MODAN, MICHAELA	RISK FACTORS IN GLUCOSE INTOLERANCE	AM23090-02	200,000	171,500	04/82
ORGANIZATION TOTAL	1 200,000				
COUNTRY TOTAL	34 1,846,352				
ITALY					
CAGLIARI					
UNIVERSITY OF CAGLIARI					
CAO, ANTONIO	MANAGEMENT AND CONTROL OF B THALASSEMIA	HL24173-02	28,290	18,370	06/82
ORGANIZATION TOTAL	1 28,290				
MILAN					
MARIO NEGRI INSTITUTE FOR PHARMACOLOGICAL RESEARCH					
GARATTINI, SILVIO	PHARMACOBIOLOGICAL ASPECTS OF METASTATIC CANCER CELLS	CA12764-08	46,640	49,440	06/82
MANTOVANI, ALBERTO	MONONUCLEAR PHAGOCYTES IN HUMAN OVARIAN CARCINOMA	CA26824-01	28,450	30,420	01/83
TAGLIABUE, ALDO	IMMUNOLOGICAL REACTIVITIES AND MTV INFECTIONS	CA26799-01	41,600	44,134	01/83
ORGANIZATION TOTAL	3 116,690				
NAPLES					
UNIVERSITY OF NAPLES					
ALOJ, SALVATORE M	STRUCTURE & FUNCTION OF HORMONE, TOXINS & IF RECEPTORS	AM21689-02	32,000	32,000	11/81
ORGANIZATION TOTAL	1 32,000				
PISA					
UNIVERSITY OF PISA					
POMPEIANO, OTTAVIO	SENSORY MECHANISMS AND MOTOR CONTROL	NS07685-12	15,400		06/81
ORGANIZATION TOTAL	1 15,400				
COUNTRY TOTAL	6 192,380				
JAPAN					
KAWASAKI					
ST. MARIANNA UNIVERSITY					
TADANO, TAKEO T	GENETIC STUDIES ON THE MOSQUITO AEDES (FINLAYA) TOGOI	AI16983-01	6,872	4,315	08/83

TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE		GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
JAPAN KAWASAKI ST. MARIANNA UNIVERSITY TOYODA, JUN-ICHI	IONIC BASIS OF RETINAL CELL POTENTIAL		EY02392-03	20,630		03/81
ORGANIZATION TOTAL	2	27,502				
TOKYO JUNTENDO UNIVERSITY KABASAWA, IZUMI	AGING LENS PROTEINS AND CATARACTS		EY02900-03	13,200		06/81
ORGANIZATION TOTAL	1	13,200				
COUNTRY TOTAL	3	40,702				
MEXICO MEXICO NATIONAL POLYTECHNIC INSTITUTE CEREIJIDO, MARCELINO	EPITHELIOID CELL MONOLAYERS--EPITHELIAL MEMBRANES MODEL		AM26481-01	54,180	8,200	01/82
ORGANIZATION TOTAL	1	54,180				
COUNTRY TOTAL	1	54,180				
NETHERLANDS AMSTERDAM NETHERLANDS CANCER INSTITUTE HAGEMAN, PHILOMENA C	MAMMARY CANCER IN ANIMALS AND MAN--CONFERENCE		CA28816-01	15,000		04/81
ORGANIZATION TOTAL	1	15,000				
LEIDEN STATE UNIVERSITY OF LEIDEN SOBELS, FREDERIK H	INDUCTION OF GENETIC DAMAGE BY CHEMICAL MUTAGENS		ES01027-06S1	56,601		12/80
ORGANIZATION TOTAL	1	56,601				
WAGENINGEN STATE AGRICULTURAL UNIVERSITY DE BOER, PETER	CHEMICALLY INDUCED NON-DISJUNCTION IN MUTANT MICE		ES01921-02	48,210	46,245	03/82
ORGANIZATION TOTAL	1	48,210				

TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
COUNTRY TOTAL	3 119,811				
NEW ZEALAND PALMERSTON NORTH MASSEY UNIVERSITY					
JOLLY, ROBERT D	MANNOSIDOSIS--A MODEL FOR LYSOSOMAL STORAGE DISEASES	NS11238-07	48,800	51,026	03/82
ORGANIZATION TOTAL	1 48,800				
COUNTRY TOTAL	1 48,800				
S AFR REP OF PRETORIA UNIVERSITY OF PRETORIA					
FALKSON, GEOFFREY	EASTERN COOPERATIVE ONCOLOGY GROUP STUDIES	CA21692-04	59,254		05/81
ORGANIZATION TOTAL	1 59,254				
COUNTRY TOTAL	1 59,254				
SPAIN MADRID AUTONOMOUS UNIVERSITY OF MADRID					
SALAS, MARGARITA	DNA-PROTEIN COMPLEX BACILLUS SUBTILIS PHAGE 029	GM27242-01	41,570	38,995	12/82
ORGANIZATION TOTAL	1 41,570				
COUNTRY TOTAL	1 41,570				
SWEDEN GOTHENBURG GOTHENBURG UNIVERSITY					
BJORNTORP, PER A	OBESITY, DIABETES, AND ADIPOSE TISSUE DEVELOPMENT	AM25173-02	38,259	44,868	12/81
LINDHE, JAN T	PLAQUE CONTROL--HEALING FOLLOWING PERIODONTAL SURGERY	DE04890-02	54,436	54,436	01/82
LINNER, ERIK E	PROSPECTIVE STUDY OF OCULAR HYPERTENSIVE SUBJECTS	EY03035-02	34,150	36,300	08/82
ORGANIZATION TOTAL	3 126,845				
LUND UNIVERSITY OF LUND					
FALCK, BENGT O	NEW METHODS FOR THE STUDY OF AMINE TRANSMITTERS	NS06701-14	34,782	37,446	03/82

TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
SWEDEN LUND UNIVERSITY OF LUND					
SIESJO, BO K	MECHANISM OF CELLULAR DAMAGE IN THE BRAIN	NS07838-12	47,565		06/81
SJOGREN, HANS D	IMMUNITY TO BOWEL NEOPLASMS IN RATS AND MAN	CA14924-08	128,391		05/81
ORGANIZATION TOTAL	3 210,738				
STOCKHOLM CAROLINE INSTITUTE					
BLOMBACK, BIRGER E	STRUCTURE-FUNCTION OF FIBRINOGEN AND FACTOR VIII	HL07379-15	74,890	79,143	06/83
KIESSLING, ROLF	IN VIVO ROLE OF NATURAL KILLER CELLS	CA26782-01	60,000	63,600	12/82
KLEIN, EVA	AUTOREACTIVE CELLS IN TUMOR PATIENTS	CA25184-01A1	59,020	66,394	08/83
KLEIN, EVA	NATURAL KILLER CELLS: GENETIC CONTROL AND ROLE	CA25250-02	58,270	61,736	06/82
KLEIN, GEORGE	MALIGNANT BEHAVIOR AND CELLULAR ANTIGEN EXPRESSION	CA14054-07A1	75,760	80,306	12/82
ORGANIZATION TOTAL	5 327,940				
UNIVERSITY OF STOCKHOLM					
ERNSTER, LARS	METABOLISM OF POLYCYLIC HYDROCARBONS AND CANCER	CA26261-01	81,645	86,483	12/82
ORGANIZATION TOTAL	1 81,645				
UPPSALA UNIVERSITY OF UPPSALA					
BARANY, ERNST H	COMPARATIVE STUDIES OF GLAUCOMA	EY00231-16	100,898	99,261	03/83
BILL, ANDERS A	NUTRITION OF THE EYE	EY00475-14	70,100	75,300	07/82
PETERSON, PER A	RETINOL METABOLISM WITH SPECIAL REGARD TO THE EYE	EY02417-03	66,000		04/81
WIGZELL, HANS L	RELEVANCE AND FUNCTIONS OF NATURAL KILLER CELLS	CA26752-01	60,000	53,000	01/83
ORGANIZATION TOTAL	4 296,998				
COUNTRY TOTAL	16 1,944,166				
SWITZERLAND BASEL UNIVERSITY OF BASEL					
ERB, PETER	IMMUNOGENETIC REGULATION OF T-MACROPHAGE INTERACTIONS	AI14513-02	47,715	50,481	03/82
ORGANIZATION TOTAL	1 47,715				

TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
SWITZERLAND GENEVA UNIVERSITY OF GENEVA					
ILLMENSEE, KARL	GENE EXPRESSION DURING MAMMALIAN DEVELOPMENT	CA27713-01	78,680	68,941	04/83
JEANRENAUD, BERNARD	CENTRAL NERVOUS SYSTEM CONTROL OF ENDOCRINE PANCREAS	AM25220-02	20,000	20,000	11/81
ORGANIZATION TOTAL	2 98,680				
ZURICH UNIVERSITY OF ZURICH					
ZINKERNAGEL, ROLF M	SPECIFICITY OF VIRUS-IMMUNE T CELLS IN VITRO & VIVO	AI17285-01	46,700	49,065	04/85
ORGANIZATION TOTAL	1 46,700				
COUNTRY TOTAL	4 193,095				
UNITED KINGDOM BLETCHLEY OPEN UNIVERSITY					
ELLIOTT, GERALD F	X-RAY AND NEUTRON DIFFRACTION STUDIES OF CORNEAL STROMA	EY02710-02	21,938	25,634	12/81
ORGANIZATION TOTAL	1 21,938				
BRISTOL UNIVERSITY OF BRISTOL					
PURVES, MICHAEL J	THE CONTROL OF BREATHING BEFORE AND AFTER BIRTH	HD09457-05	73,930	78,494	04/82
SINNOTT, MICHAEL L	BRAIN GLYCOSIDASES--MECHANISM AND SPECIFICITY	GM22769-03	19,911		03/81
ORGANIZATION TOTAL	2 93,841				
CAMBRIDGE AGRICULTURAL RESEARCH COUNCIL--INSTITUTE OF ANIMAL PHYSIOLOGY					
HOWARD, JONATHAN C	GENETICS OF RESPONSE TO HISTOCOMPATIBILITY ANTIGENS	AI13162-05	61,738	54,895	05/82
ORGANIZATION TOTAL	1 61,738				
LEEDS UNIVERSITY OF LEEDS					
POWELL, KENNETH L	HERPES SIMPLEX VIRUS NON-STRUCTURAL PROTEINS	AI15034-03	43,574		08/81
ORGANIZATION TOTAL	1 43,574				

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TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
UNITED KINGDOM					
LONDON					
AGRICULTURAL RESEARCH COUNCIL					
SETCHELL, BRIAN P	FUNCTION OF THE BLOOD-TESTIS BARRIER	HD12312-02	38,551	41,468	08/82
ORGANIZATION TOTAL	1 38,551				
UNIVERSITY OF LONDON					
BIRD, ALAN C	DISCIFORM MACULAR DISEASE: CONTROLLED TREATMENT TRIAL	EY02168-02	34,937		03/81
BROOKES, PETER	BIOLOGICAL RESULT OF CARCINOGEN INDUCED DAMAGE TO DNA	CA25807-02	116,280	223,167	07/82
FELDMANN, MARC	IMMUNOGENETIC REGULATION OF T-MACROPHAGE INTERACTION	AI15636-02	54,244	61,234	03/82
FELDMANN, MARC	REGULATION OF IMMUNE RESPONSES BY SPECIFIC FACTORS	AI15653-02	27,644	31,681	08/82
PAULING, PETER J	THE THREE-DIMENSIONAL STRUCTURE OF PROTEIN MOLECULES	GM25435-03	20,162		06/81
SIMS, PETER	METABOLIC ACTIVATION OF THE POLYCYCLIC HYDROCARBONS	CA21959-03	27,695		08/80
SIMS, PETER	MECHANISMS OF ACTIVATION OF POLYCYCLIC HYDROCARBONS	CA21959-04	72,903	64,113	08/83
STEEL, G GORDON	THERAPEUTIC RESPONSE OF HUMAN TUMOR XENOGRAFTS	CA26059-02	103,950	110,050	07/82
WALL, PATRICK D	CONTROL OF SOMATOSENSORY TRANSMISSION	NS07710-10A1	17,120	4,700	11/82
WILLIAMSON, ROBERT	GENE SEQUENCES ACTIVATING GAMMA-GLOBIN GENE TRANSCRIPTON	AM20125-03	65,592		07/81
ORGANIZATION TOTAL	10 540,527				
OXFORD					
UNIVERSITY OF OXFORD					
BALDWIN, JACK E	CHELATING AGENTS AS BLOOD SUBSTITUTES	HL23120-03	56,696		12/80
CRABBE, M JAMES	ENZYME MECHANISMS IN OCULAR DIABETIC DISEASES	EY03440-01	40,094	15,254	09/83
KREBS, HANS A	ASPECTS OF THE REGULATION OF METABOLIC PROCESSES	AM11748-12	38,700	38,700	03/83
PIRIE, ANTOINETTE	STUDIES OF SERIOUS CORNEAL XEROPHTHALMIA	EY01937-03S1	3,995		09/80
ORGANIZATION TOTAL	4 139,485				
COUNTRY TOTAL	20 939,654				

TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
YUGOSLAVIA					
BELGRADE					
UNIVERSITY OF BELGRADE					
LUKATELA, GEORGIJE L	PROCESSES BASIC TO READING IN SEPBO-CROATIAN	HD08495-05	40,324	42,121	05/82
ORGANIZATION TOTAL	1 40,324				
COUNTRY TOTAL	1 40,324				
TOTAL 201	10,433,920				
	INTERNATIONAL ORGANIZATIONS				
BELGIUM					
BRUSSELS					
EUROPEAN ORGANIZATION FOR RESEARCH ON TREATMENT OF CANCER					
TAGNON, HENRI J	COOPERATIVE CLINICAL CANCER STUDY (COORDINATING/DATA)	CA11488-11	237,090	213,381	11/81
ORGANIZATION TOTAL	1 237,090				
COUNTRY TOTAL	1 237,090				
DENMARK					
COPENHAGEN					
WORLD HEALTH ORGANIZATION					
MACFADYEN, DAVID M	INTERNATIONAL DATA ON HEALTH RESEARCH OF THE ELDERLY	AG02704-01	90,000		07/81
ORGANIZATION TOTAL	1 90,000				
COUNTRY TOTAL	1 90,000				
GUATEMALA					
GUATEMALA					
PAN AMERICAN HEALTH ORGANIZATION--INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA					
URRUTIA, JUAN J	EFFECT OF OPSONINS REPLACEMENT IN SEVERE MALNUTRITION	HD11844-02	93,473	64,138	04/82
ORGANIZATION TOTAL	1 93,473				
COUNTRY TOTAL	1 93,473				
SWITZERLAND					
GENEVA					
INTERNATIONAL UNION AGAINST CANCER					
DELAFRESNAYE, JOHN F	PROGRAM OF THE INTERNATIONAL UNION AGAINST CANCER	CA05096-19	130,048	131,231	12/83

TABLE 1.--NIH RESEARCH GRANTS, BY AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

INTERNATIONAL ORGANIZATIONS

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	PROJECT TITLE	GRANT NO.	AMOUNT AWARDED FY 1980	AMOUNT APPROVED FY1981	PROJECT END DATE
SWITZERLAND GENEVA INTERNATIONAL UNION AGAINST CANCER					
MIRAND, EDWIN A	INTERNATIONAL CANCER CONGRESS (UICC)	CA27210-02	154,906	230,608	06/83

ORGANIZATION TOTAL	2	284,954
COUNTRY TOTAL	2	284,954
INT L ORGANIZATION TOTAL	5	705,517
GRAND TOTAL	206	11,139,437

RESEARCH CONTRACTS

Research contracts with institutions outside the United States must comply with the criteria prescribed for foreign research grants.

Contract arrangements were made with institutions in 19 countries in FY 1980. Ninety-three research contracts were negotiated or modified during the year, totaling $12,932,199.

Included in this listing are location, institution, principal investigator, the amounts involved, the ending dates for each project, and the contract numbers, which are similar to grant numbers. Two zeros at the end of the contract number indicate the original negotiation; the first modification is recorded at -01, the second as -02, etc. Example: HL32983-00.

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TABLE 2.--NIH RESEARCH CONTRACTS BY, AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	FIELD OF INTEREST	CONTRACT NO.	DOLLARS	PROJECT END DATE
AUSTRALIA				
SYDNEY				
ROYAL NORTH SHORE HOSPITAL				
NELSON, D S	INHIBIT MACROPHAGE FUNCTION OR INFLAMMATORY RESPONSES	CB84251-02	61,595	09-29-81
ORGANIZATION TOTAL	1 61,595			
SYDNEY HOSPITAL				
HERSEY, PETER	DIAGNOSTIC APPLICATIONS OF ANTIBODIES TO MELANOMA	CB74120-04	53,222	09-29-82
ORGANIZATION TOTAL	1 53,222			
UNIVERSITY OF SYDNEY				
MILTON, GERALD W	MALIGNANT MELANOMA AMONG WOMEN ON CONTRACEPTIVE STEROIDS	HD82804-02	21,984	03-31-81
ORGANIZATION TOTAL	1 21,984			
COUNTRY TOTAL	3 136,801			
AUSTRIA				
VIENNA				
VIENNA UNIVERSITY				
KUNZE, MICHAEL	INTERNATIONAL EPIDEMIOLOGY STUDY--VIENNA, AUSTRIA	CP05641-00	57,983	04-30-81
ORGANIZATION TOTAL	1 57,983			
COUNTRY TOTAL	1 57,983			
CANADA				
CHALK RIVER				
ATOMIC ENERGY OF CANADA, LTD.--CHALK RIVER NUCLEAR LABORATORIES				
PATERSON, MALCOLM C	DNA REPAIR IN GENETIC SYNDROMES AND HIGH CANCER RISK	CP81002-02	119,172	06-06-81
ORGANIZATION TOTAL	1 119,172			
GUELPH				
UNIVERSITY OF GUELPH				
HEROLD, EDWARD S	CONTRACEPTIVE ATTITUDES OF UNMARRIED ADOLESCENT FEMALES	HD92809-01	14,119	10-31-80
ORGANIZATION TOTAL	1 14,119			
HALIFAX				
DALHOUSIE UNIVERSITY				
RAUTAHARJU, P M	ECG CENTER FOR PREVENTION OF HEART DISEASE	HV42911-09	259,538	12-31-80
ORGANIZATION TOTAL	1 259,538			

TABLE 2.--NIH RESEARCH CONTRACTS BY, AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	FIELD OF INTEREST	CONTRACT NO.	DOLLARS	PROJECT END DATE
CANADA				
HAMILTON				
MC MASTER UNIVERSITY				
WITELSON, SANDRA F	BRAIN ASYMMETRY & PSYCHOLOGICAL CHARACTERISTICS	NS62344-06	50,270	09-29-81
ORGANIZATION TOTAL	1 50,270			
MONTREAL				
MONTREAL GENERAL HOSPITAL				
SKAMENE, EMIL	MACROPHAGE ACTIVATION	CB84269-02	104,900	09-29-81
ORGANIZATION TOTAL	1 104,900			
MONTREAL HEART INSTITUTE				
BOURASSA, MARTIAL G	COLLABORATIVE STUDIES OF CORONARY ARTERY SURGERY	HV32983-13	101,237	06-15-81
THEROUX, PIERRE A	CLINICAL CENTER FOR PROPRANOLOL HEART TRIAL	HV82910-03	117,128	03-31-81
ORGANIZATION TOTAL	2 218,365			
QUEBEC				
LAVAL UNIVERSITY				
LABRIE, FERNAND	CLINICAL PHARMACOLOGY OF LH/FSH-RH ANALOGS	HD02800-00	280,300	04-15-81
ORGANIZATION TOTAL	1 280,300			
TORONTO				
HOSPITAL FOR SICK CHILDREN				
ALBISSER, ANTHONY M	PORTABLE INSULIN DELIVERY SYSTEMS FOR DIABETES	AM92201-03	1,229,541	04-30-82
ORGANIZATION TOTAL	1 1,229,541			
ONTARIO CANCER INSTITUTE				
FELD, RONALD	ADJUVANT TRIALS IN RESECTABLE NON-OAT CELL LUNG CANCER	CM07418-00	137,747	04-30-86
FELD, RONALD	ADJUVANT TRIALS IN RESECTABLE NON-OAT CELL LUNG CANCER	CM77152-06	129,350	09-30-80
FELD, RONALD	NUTRITION AS ADJUNCT TO CHEMOTHERAPY IN LUNG CANCER	CM97267-02	228,055	10-14-82
SIMINOVITCH, LOUIS	SUPPLY OF MUTANT VERTEBRATE CELLS	CP43331-13	103,221	12-31-79
ORGANIZATION TOTAL	4 598,373			
TORONTO WESTERN HOSPITAL				
OREOPOULOS, DIMITRIOS G	CONTINUOUS AMBULATORY PERITONEAL DIALYSIS (CAPD)	AM82213-02	195,217	06-30-81
ORGANIZATION TOTAL	1 195,217			

TABLE 2.--NIH RESEARCH CONTRACTS BY, AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	FIELD OF INTEREST	CONTRACT NO.	DOLLARS	PROJECT END DATE
CANADA TORONTO UNIVERSITY OF TORONTO				
LITTLE, ALICK	LIPID RESEARCH CLINIC	HV22917-12	423,781	06-30-81
ORGANIZATION TOTAL	1 423,781			
VANCOUVER UNIVERSITY OF BRITISH COLUMBIA				
KUTNEY, JAMES P	PLANT AND CELL CULTURE SOURCE FOR ANTINEOPLASTIC AGENTS	CM87236-03	89,000	09-19-81
ORGANIZATION TOTAL	1 89,000			
WINNIPEG UNIVERSITY OF MANITOBA				
ANTHONISEN, NICHOLAS R	NOCTURNAL OXYGEN THERAPY IN CHRONIC HYPOXIC LUNG DISEASE	HR62943-09	36,000	10-31-80
ANTHONISEN, NICHOLAS R	INTERMITTENT POSITIVE PRESSURE BREATHING CLINICAL STUDY	HR72902-05	202,850	11-30-80
RIGATTO, HENRIQUE	EVALUATE ANTENATAL STEROID THERAPY IN NEONATAL RDS	HR62949-11	172,827	08-31-81
ORGANIZATION TOTAL	3 411,677			
COUNTRY TOTAL	19 3,994,253			
COLOMBIA CALI UNIVERSITY OF VALLE				
CUELLO, CARLOS	GEOGRAPHICAL PATHOLOGY AND EPIDEMIOLOGY OF CANCER	CP33286-11	50,692	03-31-81
ORGANIZATION TOTAL	1 50,692			
COUNTRY TOTAL	1 50,692			
FINLAND HELSINKI CENTRAL PUBLIC HEALTH LABORATORY				
MAKELA, P HELENA	FIELD TRIAL OF MENINGOCOCCUS VACCINE	AI52502-13	10,000	10-31-81
ORGANIZATION TOTAL	1 10,000			
COUNTRY TOTAL	1 10,000			

BEST DOCUMENT AVAILABLE

TABLE 2.--NIH RESEARCH CONTRACTS BY, AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	FIELD OF INTEREST	CONTRACT NO.	DOLLARS	PROJECT END DATE
FRANCE				
PARIS				
NATIONAL CENTER FOR SCIENTIFIC RESEARCH				
DE THE, G BLAUDIN	NASOPHARYNGEAL CARCINOMA AND ASSOCIATED TUMORS	CP91035-01	198,420	08-15-81
ORGANIZATION TOTAL	1 198,420			
VILLEJUIF				
GUSTAVE ROUSSY INSTITUTE				
FLAMANT, ROBERT	INTERNATIONAL EPIDEMIOLOGY STUDY--VILLEJUIF, FRANCE	CP05642-00	85,154	04-30-81
ORGANIZATION TOTAL	1 85,154			
COUNTRY TOTAL	2 283,574			
GERMANY BERLIN				
BERLIN				
SCHERING, INC.				
LACHNIT, URSULA	LONG-ACTING INJECTABLE CONTRACEPTIVE AGENT	HD52817-09	88,782	12-29-80
ORGANIZATION TOTAL	1 88,782			
COUNTRY TOTAL	1 88,782			
GERMANY FED R				
HEIDELBERG				
GERMAN CANCER RESEARCH CENTER				
SCHMAHL, DIETRICH	INTERNATIONAL EPIDEMIOLOGY STUDY--HEIDELBERG, GERMANY	CP05643-00	33,200	04-30-81
ORGANIZATION TOTAL	1 33,200			
COUNTRY TOTAL	1 33,200			
GHANA				
LEGON				
UNIVERSITY OF GHANA				
NKRUMAH, F K	EVALUATION OF THE VIRAL ETIOLOGY OF BURKITT'S LYMPHOMA	CP91002-02	75,343	08-31-81
ORGANIZATION TOTAL	1 75,343			
COUNTRY TOTAL	1 75,343			

TABLE 2.--NIH RESEARCH CONTRACTS BY, AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	FIELD OF INTEREST	CONTRACT NO.	DOLLARS	PROJECT END DATE
ISRAEL				
BEERSHEBA				
BEN-GURION UNIVERSITY OF THE NEGEV				
NAGGAN, LECHAIM	WESTERN INFANT FEEDING PATTERNS IN NOMADIC POPULATIONS	HD02859-00	290,659	09-29-83
ORGANIZATION TOTAL	1 290,659			
JERUSALEM				
HADASSAH UNIVERSITY HOSPITAL				
STEIN, YECHEZKIEL	LIPID RESEARCH CLINIC	HV53015-16	291,925	06-30-81
ORGANIZATION TOTAL	1 291,925			
HEBREW UNIVERSITY OF JERUSALEM				
MENCZEL, JACOB	OSTEOPOROSIS AND FRACTURE RESEARCH	AM32204-16	91,860	10-31-80
ORGANIZATION TOTAL	1 91,860			
ISRAELI MINISTRY OF HEALTH--CENTER OF REGISTRATION OF CANCER AND ALLIED DISEASES				
KATZ, LEAH H	CANCER INCIDENCE STUDY & REGISTRY ASSESSMENT	CP33351-09	125,820	03-31-81
ORGANIZATION TOTAL	1 125,820			
REHOVOT				
WEIZMANN INSTITUTE OF SCIENCE				
SHAPIRO, DAVID	PRODUCE RADIOLABELLED GLYCOLIPIDS	NS02333-01	110,588	07-31-82
ORGANIZATION TOTAL	1 110,588			
TEL AVIV				
TEL AVIV UNIVERSITY				
WITZ, ISAAC P	EARLY DETECTION OF ANTIBODIES TO SYNGENEIC MOUSE TUMORS	CB74134-03	95,310	09-29-81
ORGANIZATION TOTAL	1 95,310			
TEL HASHOMER				
CHAIM SHEBA MEDICAL CENTER				
MODAN, BARUCH	EPIDEMIOLOGY OF BENIGN BREAST DISEASE	CB74102-05	48,963	07-31-81
MODAN, BARUCH	RADIATION RISK IN ISRAELI CHILDREN WITH TINEA CAPITIS	CP01042-00	122,600	09-24-82
ORGANIZATION TOTAL	2 171,563			
COUNTRY TOTAL	8 1,177,725			

TABLE 2.--NIH RESEARCH CONTRACTS BY, AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	FIELD OF INTEREST	CONTRACT NO.	DOLLARS	PROJECT END DATE
ITALY				
MILAN				
MARIO NEGRI INSTITUTE FOR PHARMACOLOGICAL RESEARCH				
GARATTINI, SILVIO	SCREENING ANTICANCER AGENTS IN EUROPE	CM97250-02	75,000	03-31-81
GARATTINI, SILVIO	EVALUATE AGENTS FOR TREATING ANOREXIA IN CANCER	CP85604-04	64,472	04-14-81
ORGANIZATION TOTAL	2 139,472			
NATIONAL INSTITUTE FOR THE STUDY AND CARE OF TUMORS				
BERRINO, FRANCO	INTERNATIONAL EPIDEMIOLOGY STUDY--MILAN, ITALY	CP05644-00	44,115	04-30-81
VERONESI, UMBERTO	MULTIMODAL TREATMENT OF PRIMARY BREAST CARCINOMA	CM07338-00	145,500	09-29-87
VERONESI, UMBERTO	STUDY OF CANCER AND BRAIN TUMORS	CM33714-15	71,500	08-31-81
VERONESI, UMBERTO	COORDINATING CENTER FOR THE CLINICAL STUDY OF MELANOMA	CM43726-10	165,505	06-14-81
ORGANIZATION TOTAL	4 426,620			
PAVIA				
UNIVERSITY OF PAVIA				
PAOLETTI, PIETRO	THERAPY OF PATIENTS WITH BRAIN TUMORS	CM67056-06	42,230	11-30-80
ORGANIZATION TOTAL	1 42,230			
ROME				
MONTEVERDE HOSPITAL				
VISCO, GIUSEPPE	INTERNATIONAL EPIDEMIOLOGY STUDY--ROME, ITALY	CP05645-00	65,282	04-30-81
ORGANIZATION TOTAL	1 65,282			
COUNTRY TOTAL	8 673,604			
JAPAN				
NAGOYA				
AICHI CANCER CENTER				
NISHIZUKA, YASUAKI	PERINATAL ALTERATIONS INFLUENCE ON CARCINOGENESIS	CP55650-11	22,970	07-01-80
ORGANIZATION TOTAL	1 22,970			
TOKYO				
INSTITUTE OF MICROBIAL CHEMISTRY				
UMEZAWA, HAMAO	POTENTIAL ANTITUMOR AGENTS FROM MICROBIAL ORIGIN	CM57009-07	165,000	06-29-81
ORGANIZATION TOTAL	1 165,000			

BEST DOCUMENT AVAILABLE

TABLE 2.--NIH RESEARCH CONTRACTS BY, AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	FIELD OF INTEREST		CONTRACT NO.	DOLLARS	PROJECT END DATE
JAPAN					
TOKYO					
INTERNATIONAL MEDICAL INFORMATION CENTER					
FUJIKAWA, MASANOBU	INTERACTION BETWEEN THE ICRDB PROGRAM AND ASIA		C075362-05	161,865	11-29-80
ORGANIZATION TOTAL	1	161,865			
JAPANESE FOUNDATION FOR CANCER RESEARCH					
SAKURAI, YOSHIO	CANCER LIAISON OFFICE IN JAPAN		CM22054-12	56,000	06-20-81
ORGANIZATION TOTAL	1	56,000			
KYOWA, HAKKO, KOGYO, CO. LTD.					
MASANARA, MISAWA	PLANT AND CELL CULTURE SOURCE FOR ANTINEOPLASTIC AGENTS		CM87190-02	100,000	09-19-81
ORGANIZATION TOTAL	1	100,000			
YAMANOUCHI PHARMACEUTICAL COMPANY					
KAWATA, HIRITSU	DEVELOPMENT AND PRODUCTION OF PARENTERAL DOSAGE FORMS		CM97307-02	210,000	06-30-81
ORGANIZATION TOTAL	1	210,000			
COUNTRY TOTAL	6	715,835			
NETHERLANDS					
AMSTERDAM					
NETHERLANDS CANCER INSTITUTE					
BOOT, LOURENS M	IMMUNOGENETIC STUDY OF BREAST CANCER AND LEUKEMIA		CP33368-08	90,000	02-29-80
RUMKE, PHILIP	SPERM IMMUNOLOGY		HD52834-06	5,010	10-31-78
ORGANIZATION TOTAL	2	95,010			
LEIDEN					
STATE UNIVERSITY OF LEIDEN					
VAN ROOD, JON J	ACQUISITION OF HOMOZYGOUS TYPING CELLS		AI82549-05	62,050	04-30-81
VAN ROOD, JON J	ACQUISITION OF HOMOZYGOUS TYPING CELLS		AI82553-10	30,870	04-13-81
ORGANIZATION TOTAL	2	92,920			
COUNTRY TOTAL	4	187,930			
NORWAY					
BERGEN					
UNIVERSITY OF BERGEN					
BJELKE, ERIK	ANALYSIS OF NORWEGIAN DIETARY SURVEY DATE		CP91043-03	81,963	09-24-81
ORGANIZATION TOTAL	1	81,963			

TABLE 2.--NIH RESEARCH CONTRACTS BY, AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	FIELD OF INTEREST	CONTRACT NO.	DOLLARS	PROJECT END DATE
NORWAY				
TRONDHEIM				
UNIVERSITY OF TRONDHEIM				
BAKKETEIG, LEIV S	OUTCOME OF SUCCESSIVE PREGNANCIES FOR NORWEGIAN WOMEN	HD82826-02	5,150	07-31-80
ORGANIZATION TOTAL	1		5,150	
COUNTRY TOTAL	2		87,113	
PORTUGAL				
LISBON				
PORTUGAL MINISTRY OF PUBLIC WELFARE				
DA MOTTA, LUIZ A	ASSESS THOROTRAST CASE/CONTROL FILES--RECOMMEND ACTION	CP05635-00	5,000	11-11-80
ORGANIZATION TOTAL	1		5,000	
COUNTRY TOTAL	1		5,000	
SWEDEN				
GOTHENBURG				
GOTHENBURG UNIVERSITY				
LINDAHL, TOMAS	BIOMOLECULAR RELATIONSHIP OF HERPES VIRUS AND CANCER	CP81020-02	106,880	10-31-80
ORGANIZATION TOTAL	1		106,880	
STOCKHOLM				
CAROLINE INSTITUTE				
KLEIN, EVA	IN VITRO IMMUNIZATION WITH AUTOCHTHONOUS HUMAN TUMOR	CB74144-03	65,000	09-29-81
KLEIN, GEORGE	ETIOLOGY OF HUMAN CANCER RNA & DNA VIRUSES	CP33316-09	220,000	03-31-81
ORGANIZATION TOTAL	2		285,000	
COUNTRY TOTAL	3		391,880	
SWITZERLAND				
GENEVA				
UNIVERSITY OF GENEVA				
ORCI, LELIO	CONDUCTING MORPHOLOGICAL STUDIES OF DIABETES	AM72213-06	5,200	08-31-80
ORGANIZATION TOTAL	1		5,200	
COUNTRY TOTAL	1		5,200	

TABLE 2.--NIH RESEARCH CONTRACTS BY, AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	FIELD OF INTEREST	CONTRACT NO.	DOLLARS	PROJECT END DATE
TANZANIA				
DAR ES SALAAM				
MUHIMBILI MEDICAL CENTER				
LUANDE, GIDEON J	CHEMOPREVENTION OF SKIN CANCER IN ALBINOS	CM07344-00	125,000	10-31-85
ORGANIZATION TOTAL	1 125,000			
COUNTRY TOTAL	1 125,000			
UNITED KINGDOM				
CAMBRIDGE				
UNIVERSITY OF CAMBRIDGE				
CHIVERS, DAVID J	DEVELOP A PRIMATE RESEARCH PROGRAM IN MALAYSIA	CO85409-04	320,226	06-30-81
ORGANIZATION TOTAL	1 320,226			
EDINBURGH				
INVERESK RESEARCH INTERNATIONAL				
MC GREGOR, DOUGLAS	MICROBIAL SYSTEMS AS PRESCREENS FOR CHEMICAL CARCINOGENS	CP75858-08	194,290	12-28-80
ORGANIZATION TOTAL	1 194,290			
GLASGOW				
RUCHILL HOSPITAL				
GILLIS, CHARLES R	INTERNATIONAL EPIDEMIOLOGY STUDY--GLASGOW, SCOTLAND	CP05646-00	45,000	04-30-81
ORGANIZATION TOTAL	1 45,000			
UNIVERSITY OF GLASGOW				
JARRETT, WILLIAM F	CARCINOGENS AND PAPILLOMA VIRUSES IN CATTLE CANCER	CP8[illegible]-03	65,096	09-10-81
ORGANIZATION TOTAL	1 65,096			
LEATHERHEAD				
BRITISH FOOD MANUFACTURING INDUSTRIES RESEARCH ASSOCIATION				
WALTERS, CLIFFORD L	N-NITROSO COMPOUNDS AND PRECURSORS IN THE ENVIRONMENT	CP43337-11	43,064	11-30-79
ORGANIZATION TOTAL	1 43,064			
LONDON				
BROMPTON HOSPITAL				
TURNER-WARWICK, MARGARET	HISTOCOMPATIBILITY IN HYPERSENSITIVITY LUNG DISEASES	HR62935-04	5,609	12-31-79
ORGANIZATION TOTAL	1 5,609			

TABLE 2.--NIH RESEARCH CONTRACTS BY, AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	FIELD OF INTEREST	CONTRACT NO.	DOLLARS	PROJECT END DATE
UNITED KINGDOM LONDON CITY UNIVERSITY				
WAKE, W C	DEVELOP BIOMATERIALS FOR NEURAL PROSTHESES	NS82394-02	58,520	09-29-81
ORGANIZATION TOTAL	1 58,520			
MEDICAL RESEARCH COUNCIL				
GREGORIADIS, GREGORY	LIPOSOMAL ENCAPSULATION OF ANTITUMOR AGENTS	CM87171-02	24,000	12-31-80
KIRK, DAVID N	STEROID COLLECTION FOR MEDICAL RESEARCH	AM50032-20	58,172	02-08-81
PARSONS, JOHN A	DEVICES FOR IMPROVED MANAGEMENT OF DIABETES	AM92200-02	361,644	06-30-81
ORGANIZATION TOTAL	3 443,816			
UNIVERSITY OF LONDON				
ADAMS, GERALD E	SYNTHESIS OF RADIOSENSITIZING AGENTS	CM77139-05	52,500	12-31-80
HARRAP, KENNETH R	DEVELOPMENT OF SYSTEM FOR COLLECTING ANTICANCER AGENTS	CM43736-13	105,000	06-30-81
HICKS, R MARIAN	SUPPLY CHEMOPREVENTION RETINOIDS FOR EPITHELIAL CANCER	CP05602-00	182,726	09-29-85
HICKS, R MARIAN	STUDIES OF CARCINOGENESIS IN HUMAN TISSUES	CP75955-09	157,975	09-29-81
ORGANIZATION TOTAL	4 498,201			
COUNTRY TOTAL	14 1,673,822			
	INTERNATIONAL ORGANIZATIONS			
DIST OF COL WASHINGTON PAN AMERICAN HEALTH ORGANIZATION				
LITVAK, JORGE	LATIN AMERICAN CANCER RESEARCH INFORMATION PROJECT	CO65332-09	477,507	07-30-81
MORO, MANUEL	ESTABLISH A NONHUMAN PRIMATE PROGRAM	RS52151-11	140,510	08-04-81
ORGANIZATION TOTAL	2 618,017			
COUNTRY TOTAL	2 618,017			
BELGIUM BRUSSELS EUROPEAN ORGANIZATION FOR RESEARCH ON TREATMENT OF CANCER				
ATASSI, GHANEM	IN VIVO SCREENING PROGRAM	CM07350-00	247,865	10-31-84

BEST DOCUMENT AVAILABLE

TABLE 2.--NIH RESEARCH CONTRACTS BY, AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

LOCATION, INSTITUTION, PRINCIPAL INVESTIGATOR	FIELD OF INTEREST	CONTRACT NO.	DOLLARS	PROJECT END DATE
	INTERNATIONAL ORGANIZATIONS			
BELGIUM BRUSSELS EUROPEAN ORGANIZATION FOR RESEARCH ON TREATMENT OF CANCER				
ATASSI, GHANEM	IN VIVO SCREENING FOR ANTICANCER ACTIVITY	CM57040-06	79,500	01-31-80
TAGNON, HENRI J	CANCER CHEMOTHERAPY RESEARCH COLLABORATIVE OFFICE	CM53840-08	93,900	12-14-80
ORGANIZATION TOTAL	3		421,265	
COUNTRY TOTAL	3		421,265	
FRANCE LYON WORLD HEALTH ORGANIZATION--INTERNATIONAL AGENCY FOR RESEARCH ON CANCER				
AGTHE, C	THE EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO MAN	CP45608-18	387,206	11-30-80
BARTSCH, H	SIGNIFICANCE OF EXPERIMENTAL CARCINOGENESIS DATA	CP55630-15	316,059	12-31-80
ESTEVE, JACQUES	CANCER MORTALITY RELATED TO OCCUPATION AND SOCIAL CLASS	CP71015-05	59,041	12-31-80
HIGGINSON, JOHN	NASOPHARYNGEAL CARCINOMA & BURKITT'S LYMPHOMA	CP91009-03	206,125	10-14-80
LINSELL, C A	CASE CONTROL STUDY OF LUNG CANCER IN CUBAN WOMEN	CP05647-00	45,483	04-30-81
MUIR, CALVIN S	CLEARINGHOUSE FOR ON-GOING WORK IN CANCER EPIDEMIOLOGY	CO55195-08	102,810	07-30-81
ORGANIZATION TOTAL	6		1,116,724	
COUNTRY TOTAL	6		1,116,724	
SWITZERLAND GENEVA INTERNATIONAL UNION AGAINST CANCER				
GRASSI, GUY E	INTERNATIONAL SCIENTIST INFORMATION EXCHANGE PROGRAM	CO65341-12	602,076	12-29-80
WARWICK, G P	SUPPORT OF THE NCI INTERNATIONAL PROGRAMS	CO75377-07	255,380	05-31-81
ORGANIZATION TOTAL	2		857,456	
WORLD HEALTH ORGANIZATION				
KUPKA, KAREL	PREPARE AN INTERNATIONAL NOMENCLATURE OF DISEASES	RG62129-06	50,000	06-01-80
PERKINS, F T	DEVELOP AN INTERNATIONAL PRIMATE PROGRAM	RS02124-00	95,000	07-31-81
ORGANIZATION TOTAL	2		145,000	
COUNTRY TOTAL	4		1,002,456	

TABLE 2.--NIH RESEARCH CONTRACTS BY, AREA, ORGANIZATION, AND PRINCIPAL INVESTIGATOR, FISCAL YEAR 1980

INT L ORGANIZATION TOTAL	15	3,158,462
GRAND TOTAL	93	12,932,199

THE SPECIAL FOREIGN CURRENCY PROGRAM

This program, administered by the Fogarty International Center, enables the National Institutes of Health to support overseas activities which contribute to the advancement of health sciences in the United States. Funded by U.S.-owned local excess currency primarily derived from the sale of surplus U.S. agricultural commodities, these activities include biomedical research, and the translation and dissemination of scientific literature. Seven countries, listed below, have active projects in this program under Public Law 83-480, section 104 b, as amended.

The numbering system for Special Foreign Currency Program agreements differs from that used for other types of awards. The two letters identify the collaborating Institute, and the first two digits indicate the participating country; 01 - India, 02 - Yugoslavia, 03 - Egypt, 05 - Poland, 06 - Israel, 07 - Tunisia, and 08 - Pakistan. The following three digits denote the agreement number, and the final letter shows the cognizant DHHS agency. Example: CA-01-026-N.

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TABLE 3.--SPECIAL FOREIGN CURRENCY PROGRAM

CITY, COUNTRY, INSTITUTION AND PRINCIPAL INVESTIGATOR	PROJECT NUMBER	PROJECT TITLE	PROJECT END DATE
EGYPT			
ALEXANDRIA			
UNIVERSITY OF ALEXANDRIA			
MAKAR, ADEEB B	ES-03-040-N	DEVELOPMENT OF A MODEL FOR METHANOL POISONING	07-14-80
SAID, MOHYI E	EY-03-024-N	ECOLOGY OF TRACHOMA AND OTHER EYE INFECTIONS	09-30-81
CAIRO			
AIN SHAMS UNIVERSITY			
DEMIAN, EMILE S	AI-03-044-N	TAXONOMY OF GENUS BULINUS	12-31-82
EL SAID, SHERIF	AI-03-062-N	BIONOMICS OF ANOPHELINE VECTORS OF MALARIA	04-30-82
HASHEM, NEMAT	HD-03-007-N	GENETIC ANOMALIES IN EGYPT	12-31-82
HASHEM, NEMAT	NS-03-057-N	PERINATAL SCREENING OF DEVELOPMENTAL MALFORMATIONS	04-30-80
MASSOUD, ALY A E	ES-03-081-N	SYMPOSIUM ON BIOMEDICAL IMPACT OF TECHNOLOGY TRANSFER	01-23-82
MOHAMED, AHMED M	NS-03-006-N	VENOMS OF POISONOUS SNAKES	10-17-83
AL-AZHAR UNIVERSITY			
ABDEL-WAHAB, K S E	AI-03-030-N	TICKBORNE VIRUSES IN VECTOR AND HOST CELLS	04-07-82
HEFNAWI, FOUAD	HD-03-026-N	LIVER PHYSIOPATHOLOGY IN BILHARZIAL CONTRACEPTIVE USERS	10-15-79
AL-AHRAM PUBLISHING HOUSE			
IBRAHIM, FOUAD	LM-03-506-N	TRANSLATIONS, ABSTRACTS, PUBLICATIONS PROGRAM	09-30-82
CAIRO UNIVERSITY			
ABOUL-NASR, AHMED	AI-03-063-N	EPIDEMIOLOGY OF TICKBORNE INFECTIONS	12-09-80
ABDALLA, MOHAMED I	AM-03-060-N	BILHARZIAL DISEASE: ENDOCRINE & METABOLIC FUNCTIONS	11-30-82
EL BOLKAINY, M N	CA-03-039-N	CYTOLOGIC DETECTION OF BILHARZIAL BLADDER CANCER	08-22-81
ELSEBAI, ISMAIL	CA-03-048-N	END RESULTS OF CARCINOMA OF THE BILHARZIAL BLADDER	09-08-82
ELSEBAI, ISMAIL	CA-03-054-N	SOUTHWEST ONCOLOGY GROUP STUDIES	01-17-81
EGYPT MINISTRY OF PUBLIC HEALTH			
EL KHOLY, AZIZ	AI-03-034-N	EPIDEMIOLOGY OF MENINGITIS DUE TO H INFLUENZAE	02-10-82
EL KHOLY, AZIZ	AI-03-050-N	EPIDEMIOLOGIC & CLINICAL STUDIES OF SCHISTOSOMIASIS	08-03-82
ESDUCK EGYPTIAN SOCIETY FOR DISSEMINATION OF WORLD CULTURE AND KNOWLEDGE			
KYLE, JOHN H	LM-03-505-N	TRANSLATIONS, ABSTRACTS, PUBLICATIONS PROGRAM	12-31-82
NATIONAL RESEARCH CENTER			
KAMEL, MAMDOUH Y H	AI-03-051-N	BIOCHEMISTRY & PHYSIOLOGY OF TICK VECTORS	07-29-80

TABLE 3.--SPECIAL FOREIGN CURRENCY PROGRAM

CITY, COUNTRY, INSTITUTION AND PRINCIPAL INVESTIGATOR	PROJECT NUMBER	PROJECT TITLE	PROJECT END DATE
EGYPT			
CAIRO			
U.S. DEPARTMENT OF THE NAVY--MEDICAL RESEARCH UNIT NO 3			
WATTEN, RAYMOND	LM-03-504-N	WORLDWIDE BIBLIOGRAPHY OF LEISHMANIASIS	06-30-80
UNIVERSITY OF MICHIGAN FIELD FACILITIES			
HARRIS, JAMES E	DE-03-011-N	NUBIAN GROWTH, DEVELOPMENT AND ORAL HEALTH	06-30-81
GHIZA			
CAIRO UNIVERSITY			
HUSSEIN, M F	AI-03-035-N	IMMUNOLOGICAL STUDIES IN REPTILES	09-24-81
MANSOURA			
MANSOURA UNIVERSITY HOSPITAL			
GHONEIM, MOHAMED A	CA-03-041-N	RADIATION & CYSTECTOMY IN BILHARZIAL BLADDER CARCINOMA	09-21-82
INDIA			
BANGALORE			
INDIAN INSTITUTE OF SCIENCE			
RAO, C N R	AM-01-136-N	SOME ASPECTS OF LITHIUM THERAPY & FREE RADICAL PATHOLOGY	10-31-81
SASISEKHARAN, V	AM-01-126-N	STUDIES ON BIOPOLYMER CHAIN CONFORMATION	10-23-80
BOMBAY			
CANCER RESEARCH INSTITUTE			
CHITNIS, MANIK P	CA-01-010-N	CANCER CHEMOTHERAPY	03-31-80
TATA INSTITUTE OF FUNDAMENTAL RESEARCH			
GOVIL, GIRJESH	AM-01-134-N	CONFORMATIONAL STRUCTURE OF POLYNUCLEOTIDES & NUCLEOSIDES	11-15-80
MEHTA, FALI S	CA-01-022-N	ORAL CANCER AND ASSOCIATED ORAL CONDITIONS	07-10-81
HYDERABAD			
OSMANIA UNIVERSITY			
RAMACHANDRAN, L K	NS-01-040-N	POLYPEPTIDE CONSTITUENTS OF SNAKE (NAJA NAJA) VENOMS	09-30-82
LUCKNOW			
INDIAN COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH--CENTRAL DRUG RESEARCH INSTITUTE			
BHAKUNI, D S	CA-01-004-N	DEVELOPMENT OF THERAPEUTIC AGENTS AGAINST CANCER	12-31-79

TABLE 3.--SPECIAL FOREIGN CURRENCY PROGRAM

CITY, COUNTRY, INSTITUTION AND PRINCIPAL INVESTIGATOR	PROJECT NUMBER	PROJECT TITLE	PROJECT END DATE
INDIA NEW DELHI AMERIND PUBLISHING COMPANY PRIMLANI, MOHAN	LM-01-513-N	TRANSLATIONS, ABSTRACTS, PUBLICATIONS PROGRAM	03-31-83
INDIAN COUNCIL OF MEDICAL RESEARCH DIRECTOR-GENERAL	AM-01-123-N	COLLABORATIVE STUDY ON UROLITHIASIS	11-04-80
ISRAEL JERUSALEM ISRAEL JOURNAL OF SCIENCE PRYWES, MOSHE	LM-06-501-N	HEALTH RESEARCH COMMUNICATIONS PROGRAM	06-30-80
PAKISTAN KARACHI INDIVIDUAL AWARD--SAAD, GETI SAAD, GETI	LM-08-502-N	TRANSLATIONS, ABSTRACTS, PUBLICATIONS PROGRAM	12-31-80
LAHORE PAKISTAN COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH SIDDIQI, SALMAN H	AI-08-020-N	BACTERIOLOGY OF TUBERCULOSIS IN PAKISTAN	10-22-79
POLAND GDANSK MEDICAL ACADEMY ANGIELSKI, STEFAN	AM-05-101-N	RELATIONSHIP OF INTRARENAL METABOLISM & TRANSPORT	12-31-81*
KRAKOW COPERNICUS SCHOOL OF MEDICINE PTAK, WLODZIMIERZ	AI-05-105-N	MACROPHAGE SURFACES & REGULATION OF IMMUNE RESPONSES	08-20-82*
SZCZEKLIK, ANDRZEJ	AI-05-082-N	ASPIRIN-SENSITIVE ASTHMA & PROSTAGLANDIN BIOSYNTHESIS	12-31-79*

* MARIE SKLODOWSKA-CURIE JOINT FUND

BEST DOCUMENT AVAILABLE

TABLE 3.--SPECIAL FOREIGN CURRENCY PROGRAM

CITY, COUNTRY, INSTITUTION AND PRINCIPAL INVESTIGATOR	PROJECT NUMBER	PROJECT TITLE	PROJECT END DATE
POLAND			
KRAKOW			
JAGIELLOVIAN UNIVERSITY			
KOJ, ALEKSANDER	CA-05-111-N	ACUTE-PHASE PROTEINS IN TRANSPLANTABLE HEPATOMAS	06-30-83
POZNAN			
MEDICAL ACADEMY			
GEMBICKI, MACIEJ	AM-05-072-N	GONADOTROPIN EFFECTS ON LH-RELEASING HORMONE	05-31-80*
WENDER, MIECZYSLAW	NS-05-092-N	BIOCHEMISTRY OF OLIGODENDROGLIA, MYELIN & DEMYELINATION	12-31-81*
WARSAW			
CENTER FOR SCIENTIFIC, TECHNICAL AND ECONOMIC INFORMATION			
DERENTOWICZ, M	LM-05-508-N	TRANSLATIONS, ABSTRACTS, PUBLICATIONS PROGRAM	12-31-82
COORDINATING COMMISSION FOR POLISH-AMERICAN SCIENTIFIC COLLABORATION			
JELJASZEWICZ, JANUSZ	LM-05-516-N	HEALTH RESEARCH COMMUNICATIONS PROGRAM	12-31-82
JELJASZEWICZ, JANUSZ	LM-05-519-N	HEALTH RESEARCH COMMUNICATIONS PROGRAM	12-31-82*
INSTITUTE OF ONCOLOGY			
KOSZAROWSKI, TADEUSZ	CA-05-093-N	EPIDEMIOLOGY OF CANCER	07-31-80*
MEDICAL ACADEMY			
HAUSMANOWA-PETRUSEWICZ, IRENA	NS-05-094-N	RESEARCH IN NEURO-MUSCULAR DISEASE	12-31-81*
PIETRZYK, JACEK	HD-05-076-N	HL-A SYSTEM IN CHILDREN WITH CNS MALFORMATIONS	12-31-81*
POLISH ACADEMY OF SCIENCES			
RYWIK, STEFAN	HL-05-055-N	MULTIFACTORIAL PREVENTION OF CHD - WARSAW STUDY	12-31-81**
STATE INSTITUTE OF HYGIENE			
WYSOCKI, MIROSLAW	HL-05-109-N	FOLLOW-UP STUDY OF CHRONIC NONSPECIFIC RESPIRATORY DISEASE	12-01-84
WROCLAW			
MEDICAL ACADEMY			
DOBRYSZYCKA, WANDA	AM-05-056-N	CHARACTERIZATION OF HAPTOGLOBIN	12-31-79*
ROMANOWSKA, ELZBIETA	AI-05-098-N	IMMUNOCHEMICAL STUDIES ON SHIGELLA LIPOPOLYSACCHARIDES	12-31-81*

* MARIE SKLODOWSKA-CURIE JOINT FUND
** FUNDED UNDER DHEW AGREEMENT #05-001-0

TABLE 3.--SPECIAL FOREIGN CURRENCY PROGRAM

CITY, COUNTRY, INSTITUTION AND PRINCIPAL INVESTIGATOR	PROJECT NUMBER	PROJECT TITLE	PROJECT END DATE
TUNISIA			
TUNIS,			
NATIONAL CANCER INSTITUTE			
MOURALI, NEJIB	CA-07-002-N	STUDIES ON INFLAMMATORY BREAST CARCINOMA IN TUNISIA	11-16-81
TUNISIA AGENCY OF PUBLIC RELATIONS			
AZZOUZ, AZZEDINE	LM-07-501-N	TRANSLATIONS, ABSTRACTS, PUBLICATIONS PROGRAM	12-31-79
YUGOSLAVIA			
BELGRADE			
CENTER FOR MULTIDISCIPLINARY STUDIES--UNIVERSITY OF BELGRADE			
GLISIN, VLADIMIR R	NS-02-090-N	GENE TRANSCRIPTION AND EXPRESSION	06-30-80***
SULOVIC, V	NS-02-006-N	HISTOGENESIS OF THE FOREBRAIN	12-31-78***
FEDERAL INSTITUTE OF PUBLIC HEALTH			
KOZAREVIC, DJORDJE	HL-02-043-N	ETIOLOGIC AND RISK FACTORS IN RESPIRATORY DISEASE	12-31-79
PIRC, BOJAN	HL-02-001-N	INCIDENCE OF HYPERTENSION AND CORONARY DISEASE	12-31-80
NOLIT PUBLISHING HOUSE			
GAVARIC, DRAGOLJUB	LM-02-501-N	TRANSLATIONS, ABSTRACTS, PUBLICATIONS PROGRAM	12-31-82
LJUBLJANA			
UNIVERSITY OF LJUBLJANA			
RAVNIHAR, BOZENA	HD-02-044-N	BREAST CANCER IN REFERENCE TO ORAL CONTRACEPTIVE USE	12-31-81***
PULA			
COMMUNICABLE DISEASES CENTER			
MARETIC, ZVONIMIR	LM-02-502-N	ARACHNIDISM	12-31-80
RIJEKA			
UNIVERSITY OF ZAGREB			
JURETIC, MIRO	LM-02-503-N	HERPETIC INFECTIONS	12-31-80
ZAGREB			
INSTITUTE OF PUBLIC HEALTH OF CROATIA			
KULCAR, ZIVCO	LM-02-504-N	EPIDEMIOLOGY OF FUNCTIONAL PSYCHOSES	12-31-80***

***U.S. - YUGOSLAVIA JOINT FUND

TABLE 3.--SPECIAL FOREIGN CURRENCY PROGRAM

CITY, COUNTRY, INSTITUTION AND PRINCIPAL INVESTIGATOR	PROJECT NUMBER	PROJECT TITLE	PROJECT END DATE
YUGOSLAVIA ZAGREB UNIVERSITY OF ZAGREB KASTELAN, ANDRIJA	AI-02-057-N	INDUCTION AND MAINTENANCE OF THE TOLERANT STATE	12-31-78***

***U.S. - YUGOSLAVIA JOINT FUND

THE VISITING PROGRAM

The NIH Visiting Program offers talented scientists throughout the world the opportunity to share the tremendous resources of the National Institutes of Health. Through this program, distinguished scientists at all levels of their careers are invited to NIH to receive further training or to conduct research in their biomedical specialties.

There are three categories of Visiting Program participants: Visiting Fellows, Visiting Associates, and Visiting Scientists. Each participant works closely with a senior NIH investigator who serves as sponsor or supervisor during the period of award.

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VISITING PROGRAM PARTICIPANTS - FY 80

ALGERIA

VS	NIDR	ABDELMOUMENE, MOHAMED	33,736

ARGENTINA

VA	NCI	BLUMENKRANTZ, NELLY	7,111
VS	NICHD	CHARREAU, EDUARDO	10,489
VS	NIAMDD	CHEPELINSKY, ANA	27,054
VF	NCI	LARRAMENDY, MARCELO	8,536
VF	NINCDS	MONZON, MARTA	14,661
VF	NICHD	SAGRIPANTI, JOSE	3,081
VF	NCI	SERRATE, SUSANA ALICIA	13,034
VA	NICHD	SOLANO, ANGELA	3,419
VF	NIDR	SZTEIN, MARCELO B.	15,304

AUSTRALIA

VF	NCI	ASHLEY, MICHAEL	15,067
VF	NCI	BATEMAN, JOHN F.	14,770
VA	NHLBI	DARVENIZA, PAUL	21,347
VF	NIAID	DAVIDSON, WENDY	14,602
VA	NIA	DAX, ELIZABETH	23,702
VS	NIAMDD	HARRISON, LEONARD	41,263
VF	NIAID	HOWARD, MAUREEN	14,715
VA	NIAID	HOWARD, RUSSELL	14,580
VF	NIEHS	LITTLE, PETER J.	15,555
VF	NCI	MALUISH, ANNETTE E.	15,442
VF	NCI	MC MANUS, MICHAEL E.	9,031
VF	NCI	MILIAUSKAS, JOHN R.	10,806
VF	NIAMDD	NAYLOR, GEOFFREY	14,987
VF	NIAMDD	NICHOLAS, KEVIN R.	15,102
VF	NIEHS	PLUMMER, JOHN L.	10,582
VF	NIEHS	POR, SUZANNE	14,302
VA	NIAID	ROSENBERG, YVONNE	16,860
VA	NIDR	SIM, FRANK RUSSELL	23,924
VS	NCI	STEINERT, PETER M.	17,984
VF	NICHD	WHELER, GLYNNE	27,980
VS	NLM	WHITTEM, JAMES HARRINGTON	2,630

*** RESIDENT ALIEN ***

VS	NIAID	CARTER, RICHARD	30,626
VS	NINCDS	MASTERS, COLIN	32,518

AUSTRIA

VF	NICHD	BAUER, HANS-CHRISTIAN	15,345
VF	NINCDS	HARTIG, ANDREAS	13,402
VF	NCI	PEHAMBERGER, HUBERT	3,379
VF	NCI	RASTL, EVA	3,563
VF	NINCDS	RAUSCH, WOLF D.	9,005

AUSTRIA (cont.)

VA	NIAMDD	SCHMIDHAMMER, HELMUT	2,816

BANGLADESH

VF	NIAID	CHOWDHURY, KAMAL	14,416

*** RESIDENT ALIEN ***

VA	NIAMDD	BHATTACHARJEE, APURBA	23,991

BELGIUM

VS	NIAMDD	DE MEYTS, PIERRE	3,156
VF	NINCDS	DE RYCK, MARC ROGER	1,303
VA	NICHD	DE VROEDE, MONIQUE	1,949
VF	NINCDS	GHEUENS, JAN MARIE	15,316
VF	NIAID	HIERNAUX, JACQUES	15,220
VF	NCI	LAURENT, GUY	9,692
VS	NCI	LION, YVES F.	24,155
VF	NCI	MERREGAERT, JOSEPH	13,801
VA	NCI	RALSTON, EVELYN S.	20,552
VA	NCI	RENTIER-DELRUE, FRANCOISE	20,289
VA	NINCDS	RENTIER, BERNARD	19,388
VA	NCI	SARIBAN, ERIC	6,931
VA	NIDR	THONAR, EUGENE	22,446
VA	NIAMDD	VAN OBBERGHEN, EMMANUEL	6,311

*** RESIDENT ALIEN ***

VF	NIEHS	TONDEUR, YVES	11,044
VF	NCI	VANHAELEN, CHRISTIAN	15,904

BRAZIL

VF	NHLBI	ALMEIDA, ANTONIO L. J.	14,249
VF	NIAID	BARRAL, ALDINA M. P.	10,647
VA	NIAMDD	CORREA, JULIETA	2,534
VF	NIAID	DE SOUZA, MARIA	1,609
VF	NIAID	DOS REIS, GEORGE A.	3,208
VF	NCI	KACHAR, BECHARA	13,800
VA	NIEHS	PERES, CLOVIS	22,775

CANADA

VF	NIEHS	ALLY, ARIFF	6,229
VF	NIEHS	ALMEIDA, ANTHONY	13,793
VA	NIAMDD	COLLINS, STEPHEN	28,972
VF	NCI	ERLICHMAN, CHARLES	11,934
VF	NIAMDD	FANTUS, IVAN G.	11,449

VISITING PROGRAM PARTICIPANTS - FY 80

CANADA (cont.)

VF	NIAMDD	HADJOPOULOS, MARIA ZANNIS	10,597
VA	NCI	HOGGE, DONNA	7,141
VA	NHLBI	HUMPHRIES, RICHARD KEITH	3,558
VA	NIAID	JOHNSON, JAMES GORDON	1,523
VF	NCI	JOLIVET, JACQUES	3,770
VF	NIEHS	JONES, KENNETH GEORGE	13,471
VF	NIA	KARLIK, STEPHEN J.	13,727
VA	NIDR	KARSH, JACOB	20,327
VF	NIEHS	LUI, EDMUND M.K.	14,451
VA	NIAMDD	MINUK, GERALD Y.	5,942
VF	NINCDS	MORRIS, CATHERINE E.	15,197
VS	NIAMDD	MURRAY, TIMOTHY MAC LEOD	19,202
VA	NIEHS	NAWROT, PETER S.	11,404
VF	NIAMDD	NEUWIRTH, MARIA	13,959
VF	NICHD	NWOKORO, NGOZI	5,707
VF	NHLBI	PATO, MARY DENCE	13,902
VF	NCI	SINGH, TOOLSEE	13,779
VF	NCI	SIU CHONG, EDWARD	15,353
VS	NIEHS	STEELE, JOHN WISEMAN	21,988
VA	NHLBI	TURNER, R. JAMES	24,747
VF	NCI	VENNER, PETER M.	11,776
VF	NCI	ZAWYDIWSKI, ROBERT	11,198

*** RESIDENT ALIEN ***

VA	NINCDS	BERNAD, PETER	7,562
VF	NIAMDD	GOLLAPUDI, SASTRY	15,055
VF	NCI	KERR, IAN G.	3,891
VF	NINCDS	LEDERHENDLER, ISRAEL	7,456
VS	NCI	PARRY, DILYS	29,301
VA	NCI	SAUDER, DANIEL	28,367
VS	NCI	STEPHENSON, JOHN	41,425

CHILE

VA	NICHD	CASSORLA, FERNANDO	23,584
VA	NINCDS	MUJICA, PATRICIO H.	7,013

*** RESIDENT ALIEN ***

VS	NICHD	AGUILERA, GRETI	28,134

CHINA (MAINLAND)

VF	NCI	CHEN, SHAN SHAN	7,319
VF	NCI	HONG, JIN-XIN	8,911
VF	CC	HOU DE-YAN	5,658
VF	NCI	HU, LI-FU	5,517
VS	NCI	WU, PAO-CHEN	4,583
VF	NCI	ZHANG, HUAZHONG	8,911

CHINA (MAINLAND) (cont.)

*** RESIDENT ALIEN ***

VF	NCI	KAO-SHAN, CHIEN SONG	9,359
VF	NCI	SHAN, TAI-CHI	5,952

COLOMBIA

VF	NIAID	QUIJANO, CLAUDIA	3,882

CYPRUS

VF	NCI	PAPADEMETRIOU, VASILIOS	15,636

*** RESIDENT ALIEN ***

VF	NIEHS	IOANNOU, YIANNAKIS	14,829

CZECHOSLOVAKIA

VF	NCI	KOREC, STEFAN	15,354

*** RESIDENT ALIEN ***

VF	NCI	KRIZAN, ZDENKO	10,757

DENMARK

VA	NINCDS	LAURSEN, HENNING	6,510
VS	NIDR	VUUST, JENS	3,091

EGYPT

VF	NCI	AMIN, AFAF MOSAAD	15,798
VF	NCI	EL-TORKEY, NABIL	13,452
VF	NCI	ISMAIL, ABDEL AZIM	14,200
VF	NCI	MOSSOBA, MAGDI MICHEL	2,357
VS	NCI	MOSTAFA, MOSTAFA HASSAN	1,788
VF	NIEHS	NOMEIR, AMIN	10,178

*** RESIDENT ALIEN ***

VF	NIAMDD	EL-NAGGAR, SHA'ABAN FOUAD	6,192

FINLAND

VA	NICHD	HUHTANIEMI, ILPO	25,218

VISITING PROGRAM PARTICIPANTS - FY 80

FINLAND (cont.)

VS	NINCDS	IIVANAINEN, MATTI	35,715
VA	NCI	KESKI-OJA, JORMA	10,813
VF	NICHD	LANG, MATTI A.	14,550
VF	NIEHS	NORLING, ANJA HANNELE	2,120
VF	NIA	PARTANEN, MATTI	7,387
VA	NIAMDD	PEKONEN, FREDRIKA	11,607
VA	NIDR	SEPPA, HEIKKI E. J.	26,779
VF	NIDR	SEPPA, SILJA T.	9,181
VS	NINCDS	TERAVAINEN, HEIKKI	21,773

*** RESIDENT ALIEN ***

VA	NIEHS	LINNOILA, ILONA	25,442
VA	NCI	LINNOILA, ILONA	219

FRANCE

VF	NICHD	AMR, SANIA	9,158
VF	NIEHS	BOBENRIETH, MARIE	14,102
VF	NIDR	CHARON, JACQUES ANDRE	3,733
VF	NCI	DEVINOY, EVE	11,983
VF	NCI	DOUILLARD, JEAN-YVES	14,154
VF	NCI	HAIECH, JACQUES	14,037
VA	NIAID	KANELLOPOULOS, COLETTE	14,351
VS	NIAMDD	KANELLOPOULOS, JEAN	19,486
VF	NIAMDD	KERTESZ, JUDITH CRISBA	15,304
VF	NIAID	LAVIALLE, CHRISTIAN	14,804
VF	NIAMDD	LAVIALLE, FRANCOISE	14,856
VF	NICHD	LEGRAVEREND, CATHERINE	15,841
VF	NCI	LISCIA, DANIEL	13,619
VA	NCI	LONDON, JACQUELINE	27,214
VF	NIAMDD	MERCIER, LOUIS	2,213
VF	NHLBI	MEYER, JEAN-MARIE	4,288
VA	NIAID	MOYNET, DANIEL	16,571
VF	NIAMDD	PONS, MICHEL	12,439
VF	NICHD	PUGEAT, MICHEL M.	15,310
VF	NCI	ROUSSEL, MARTINE J. F.	3,736
VF	NCI	SEIF, ISABELLE	12,430
VS	NCI	VIZA, DIMITRI	13,247
VF	NIAID	WANTYGHEM, JOSIANE	13,654

*** RESIDENT ALIEN ***

VF	NCI	MIKOL, YVES BERNARD	4,414
VA	NINCDS	MOREAU-DUBOIS, MARIE-CLAUDE	18,186

GERMANY, FED R

VF	NIAMDD	BRENNER, BERNHARD	1,728
VF	NIEHS	DEGEN, GISELA	13,507
VF	NCI	FALK, WERNER	15,281

GERMANY, FED R (cont.)

VF	NIA	LEHR, ELEONORE	9,185
VA	NINCDS	LOPEZ, JUAN MANUEL	27,780
VF	NIEHS	MAYDL, REGINA	71
VS	NINCDS	NITSCH, CORDULA L.	19,890
VF	NIAID	OERTEL, HEIDE	15,680
VF	NCI	PAWLITA, MICHAEL	14,502
VF	NCI	SCHARFE, THOMAS W. R.	10,663
VF	NINCDS	WILMES, FRANZ J.	12,360

*** RESIDENT ALIEN ***

VS	NCI	LUETZELER, JOSEF	7,468
VS	NCI	MARQUARDT, HANS	33,210
VS	NCI	RAPP, ULF ***	26,476
VS	NCI	REZNIK, GERD	33,040
VF	NICHD	SIEBENLIST, ULRICH	9,812

GERMANY,PEOPLES REP

VS	NIEHS	MULLER, DIETER	12,110

GREECE

VF	NCI	ANAGNOU, NIKOLAOS	4,411
VF	NINCDS	DOROVINI-ZIS, K.	7,765
VF	NIAMDD	FROUSSIOS, CLEANTHIS DEMETRE	12,546
VF	NIAID	PAVLAKIS, GEORGE	7,396
VF	NIDR	PAVLIDIS, NICHOLAS	10,601
VF	NCI	TSOKOS, GEORGE	15,377
VA	NCI	TSOKOS, MARIA	15,605

*** RESIDENT ALIEN ***

VA	NICHD	CHROUSOS, GEORGE P.	23,265
VF	NINCDS	DALAKAS, MARINOS	13,746
VF	NCI	DEMETRAKOPOULOS, GEORGE	10,845
VS	NIAMDD	LABROPOULOS, PANAGIOTIS A.	6,714
VS	NIDR	MOUTSOPOULOS, HARALAMPOS	9,586
VF	NCI	PANTAZIS, PANAGIOTIS	15,304
VA	NIA	TSITOURAS, PANAYIOTIS	27,700

HONG KONG

VF	NINCDS	CHUI, ESTHER	12,910
VS	NCI	JAY, GILBERT	30,809
VF	NCI	LAW, MING-FAN	12,552
VF	NCI	LEE, LIZINA SIN-WAN	3,044
VF	NIAMDD	MAK, CHING-PONG	1,800
VF	NINCDS	URATANI, BRENDA WONG	14,704

HONG KONG (cont.)

*** RESIDENT ALIEN ***

VF	NCI	LAW, JOSEPH	7,696
VF	NCI	LIU, SAI-HO PAUL	12,248
VA	NIEHS	POON, AMY DAVIS	21,267

HUNGARY

VF	NIAID	BAJSZAR, GYORGY	10,041
VF	NIAMDD	CSORDAS-TOTH, EVA	1,989
VF	NINCDS	KARNIOUCHINA, IRINA L.	3,989
VF	NCI	MOLNAR, PETER	12,293
VF	NCI	SANDOR, MATYAS	8,782
VF	NICHD	SCHON, ISTVAN	1,756
VA	NIAMDD	SZABO, TEREZ	3,392

ICELAND

*** RESIDENT ALIEN ***

VF	NEI	EL-SAIED, MAGDA	6,875
VS	NCI	THORGEIRSSON, UNNUR	38,214

INDIA

VF	NIAID	ABDI, HAMIDA	14,669
VF	NICHD	AGRAWAL, ARUN	14,931
VF	NIEHS	AGRAWAL, ASHOK K.	11,314
VF	NICHD	AHMAD, ZAFEER	14,630
VF	NIAMDD	ANGAL, SAROJANI	8,090
VS	NIEHS	ANSARI, AFTAB	25,264
VF	NIAID	AULAKH, HARI SINGH	14,104
VF	NIEHS	BAIG, MASROOR	14,520
VF	NCI	BAKSI, KRISHNA	15,250
VF	NCI	BALACHANDRAN, RAGHAVAN	8,658
VS	NIAMDD	BALASUBRAMANIAN, D.	1,945
VA	NCI	BHAT, PANGALA	13,684
VF	NICHD	BHAT, SURAJ PRAKASH	7,621
VF	NIEHS	BHATIA, ASHOK V.	1,462
VF	NCI	BHATTACHARJEE, M.	7,864
VF	NCI	BHATTACHARYA, ALOK	1,274
VF	NCI	CHANDRASEKARAN, K.	14,329
VF	NIAMDD	CHATTERJEE, CHANDRALEKHA	11,988
VF	NCI	CHAUHAN, UDAI PRATAP S.	10,393
VF	NCI	DALAL, BAKUL	14,453
VF	NCI	DANDEKAR, ABHAYA	14,339
VF	NHLBI	DANDEKAR, SATYAPRABHA	13,177
VF	NHLBI	DARUWALLA, KATIE R.	13,346
VA	NCI	DAS, ASIS KUMAR	18,884
VA	NIAID	DAS, GOKUL C.	7,019

INDIA (cont.)

VF	NIAMDD	DATTA, ATIN RANJAN	4,345
VF	NCI	DAVE, JITENDRA	14,446
VA	NCI	DEVARE, SUSHILKUMAR	30,280
VF	NINCDS	DHARIWAL, KULDEEP RAJ	12,175
VF	NIAMDD	ELANGO, NARAYANASAMY	14,129
VF	NINCDS	GULATI, ADARSH KUMAR	13,465
VF	NCI	GUPTA, SUKUMAR	15,505
VF	NCI	GUPTA, SURESH KUMAR	11,164
VA	NICHD	HANNAH, RITA	16,284
VF	NCI	IRANI, MEHER H.	15,115
VF	NIA	JAYAKUMAR, ARUMUGAM	7,373
VF	NICHD	JOSHI, LATIKA RAMCHANDRA	13,220
VF	NIAMDD	JOSHI, LATIKA RAMCHANDRA	851
VF	NIEHS	KALYANARAMAN, BALARAMAN	14,249
VF	NINCDS	KANDALA, JAGANNADHA	11,427
VF	NCI	KASID, ATTAN LAL	3,341
VF	NIDR	KAUL, RAVI	5,222
VF	NIAID	KAUSHAL, DEEP CHAND	14,635
VF	NIAID	KAUSHAL, NUZHAT ANWAR	15,331
VS	NIAMDD	KHETRAPAL, CHUNNI LAL	29,545
VA	NIEHS	KOHLI, KRISHAN K.	18,716
VF	NCI	KOSHY, RAJEN	1,240
VF	NIDR	KUBERASAMPATH, THANGAVEL	8,564
VF	NHLBI	KUMAR, NIRBHAY	14,955
VF	NIEHS	KUMAR, SASHI V. P.	9,611
VF	NHLBI	LAL, ALTAF AHMED	892
VF	NCI	LALITHA, NAGARAJAN	12,393
VF	NIAMDD	MAHESHWARI, RADHA	12,346
VS	NCI	MANDAL, RADHA K.	19,683
VF	NCI	MANOHAR, VIJAYA	6,086
VF	NIAID	MANOHAR, VIJAYA	8,769
VF	NIAID	MITRA, RITA	7,361
VF	NIEHS	MOHANAKRISHNAN, PAREKKAT	14,923
VF	NIA	MOHANTY, JOY GOPAL	8,537
VS	NIAMDD	MUTHUKRISHNAN, S.	24,050
VA	NIAMDD	NAGAIAH, KAPALAVAYI	17,532
VA	NICHD	NAMBOODIRI, ARYAN	20,092
VS	NIAMDD	NANDI, PRADIP	27,625
VF	NIEHS	PAI, SATCHITHANANDA	13,304
VF	NCI	PRAKASH, K.	3,220
VF	NIAMDD	RAMANADHAM, MADDURI	1,688
VF	NCI	RAMANATHAN, LATA	13,436
VA	NCI	RAMANATHAN, RAGHUPATHY	23,732
VA	DCRT	RATNAPARKHI, MAKARAND	24,078
VA	NCI	REDDY, TIRUMURU V.	18,662
VF	NIAMDD	ROY, ARATI	15,462
VA	NIAMDD	ROY, KUNAL BHUSAN	20,318
VF	NCI	SAHA, SANDIP	3,528
VF	NIA	SAXENA, RAJIV	14,855
VF	NIAMDD	SENAPATHY, PERIANNAN	2,739
VS	NIEHS	SETH, PRAHLAD K.	23,836
VF	NHLBI	SETTY, ORUGANTI	14,745
VF	NIEHS	SHEELA, SHARMA	14,587

VISITING PROGRAM PARTICIPANTS - FY 80

INDIA (cont.)

VF	NCI	SHIVAPURKAR, NARAYAN MANGESH	4,345
VF	NCI	SIVASWAMI, JAYA	13,097
VA	NIAMDD	SOM, TAPAN	18,633
VF	NCI	SREEMAHALAKSHMI, K.	13,241
VF	NCI	SRINIVAS, LEELA	6,087
VF	NCI	SRINIVASAN, ALAGARSAMY	14,834
VF	NCI	SUKUMAR, SARASWATI	15,567
VF	NCI	SUNDAR, KAMARAJU	15,115
VF	NCI	TYAGI, ANIL K.	8,543
VF	NIAMDD	TYAGI, ANIL K.	6,412
VA	NINCDS	VASANTHA, NAGARAJAN	19,872
VF	NINCDS	VERMA, VINOD	7,903

*** RESIDENT ALIEN ***

VF	NCI	ARORA, PRINCE	13,874
VA	NCI	BATTULA, NARAYANA	25,078
VA	NCI	BENGALI, ZAKIR	7,543
VF	NCI	BYKADI, GURURAJ	2,595
VS	NICHD	CHATTORAJ, DHRUBA	22,626
VS	NCI	DHAR, RAVI	30,390
VF	NHLBI	GEORGE, MARIAM K. I.	12,602
VS	NCI	GHOSH, BIMAL CHANDRA	2,251
VS	CC	GULATI, USHA	3,562
VA	NINCDS	JOSHI, BHARATI	18,527
VF	NCI	KANG, MOHINDER	15,633
VS	CC	MATHAI, MATHEW MAMMEN	23,419
VA	NHLBI	NATH, JAYASREE	24,215
VS	NCI	PADIKAL, THOMAS N.	951
VA	NICHD	RAY, PRABHATI	2,082
VA	NIDR	RAY, USHARANJAN	25,653
VA	NINCDS	REDDY, NEELUPALLI	4,274
VS	NCI	REDDY, PREMKUMAR E.	31,265
VF	NIEHS	SHARMA, RAJENDRA	15,304
VA	NIAID	SINGH, NALINI	17,343
VF	NCI	SRINIVASAN, USHA	3,855
VA	NCI	THAKUR, AJIT	13,918
VF	NIAMDD	VENKATESAN, MALABI	14,795
VF	NIAMDD	VYAS, KAMLESH PRAMODRAI	13,600

IRAN

VF	NINCDS	BAHMANYAR, SINA	14,888
VF	NCI	TALAIZADEH, MOHAMMAD	15,455

*** RESIDENT ALIEN ***

VF	NIEHS	BOROUJERDI, MEHDI	13,502

IRELAND

*** RESIDENT ALIEN ***

VA	NHLBI	KEOGH, BRENDAN	37,659

ISRAEL

VS	NICHD	AMSTERDAM, ABRAHAM	35,000
VA	NIDR	BEN-ZVI, AMOS	1,664
VA	NEI	BEN-ZVI, AMOS	23,107
VF	NCI	BENJAMIN, DAVID	10,266
VF	NINCDS	BENSHALOM, GADI	12,742
VS	NICHD	CHEMKE, JUAN	25,026
VA	NCI	CHEN, RINA	23,410
VS	NCI	DEUTSCH, JOSEPH	6,290
VS	NIAMDD	EISENBERG, HENRYK	31,873
VF	NIA	ELGAVISH, ADA	13,356
VF	NIA	ELGAVISH, GABRIEL	14,468
VA	NCI	EPSTEIN, MICHAEL	6,438
VA	NIAID	EPSTEIN, NAVA	18,907
VF	NIAMDD	FILER, DAVID	9,464
VS	NCI	FRENSDORFF, ASHER	31,792
VF	NIAMDD	FRISCH, AMOS	14,551
VF	NHLBI	GADASI, HANA	6,528
VS	DCRT	GERSHON, NAHUM	26,882
VS	NIAID	GINSBURG, HAIM	9,979
VS	NCI	GROSSMAN, ZVI	8,971
VS	NICHD	HARLAP, SUSAN	4,809
VS	NCI	HOCHMAN, JACOB	6,492
VF	NIAMDD	ITTAH, YITZHAK	15,304
VF	NICHD	JACOBSON, LEV	12,086
VF	NIAMDD	KARNIELI, EDDY	15,361
VF	NINCDS	KASSIS, SHOUKI	7,879
VS	NCI	KEDAR, ELIEZER	22,716
VA	NHLBI	KOCH, YITZHAK	2,941
VF	NINCDS	LEV TOV, AHARON	12,884
VS	NCI	LEVITZKI, ALEXANDER	18,502
VS	NIAMDD	LIBERMAN, URI A.	1,933
VF	NIDR	METZGER, ZVI	16,056
VA	NHLBI	MORAN, ARIE	14,112
VF	NINCDS	MORAN, NAVA	12,856
VF	NICHD	NAOR, ZVI	15,120
VS	NCI	NEIMAN, ZOHAR	31,577
VS	NCI	OPPENHEIM, AMOS	12,031
VS	NIAMDD	PANET, AMOS	33,097
VA	NCI	PEYLAN-RAMU, NILI	6,904
VF	NIAID	POLACHECK, ITZHACK	16,005
VS	NCI	RAMU, AVNER	26,499
VF	NIAMDD	RAV-ACHA, CHAIM	12,623
VA	NIA	REISS, UZI	19,976
VA	NIAID	REUVENI, YAFFA	7,046
VF	NIAMDD	RIVNAY, BENJAMIN	13,809
VS	NCI	ROSENTHAL, IONEL	4,141
VS	NCI	SALZBERG, SAMUEL	26,099

ISRAEL (cont.)

VS	NCI	SLOR, HANOCH	28,922
VS	NIAMDD	SPITZ, IRVING	12,597
VA	NICHD	STEINHERZ, RUBEN	23,836
VF	NICHD	VELAN, BARUCH	15,353
VA	NCI	VOGEL, TIKVAH	3,109
VF	NCI	WEISSBERGER, HANNA	13,466
VF	NIDR	WIENTRAUB, SHLOMO	1,259
VF	NINCDS	WIENTROUB, HANA	1,678
VF	NIAMDD	WILF, JACOB	13,691
VS	NIAMDD	YAVIN, EPHRAIM	30,120
VA	NIAMDD	YAVIN, ZIVA	26,310
VF	NCI	YRON, ILANA	12,837
VF	NIDR	ZELTZER, ZEEV	15,230
VS	NICHD	ZINDER, OREN	3,460

*** RESIDENT ALIEN ***

VS	NCI	BUSTIN, MICHAEL	35,490
VA	NCI	DVORETZKY, ISRAEL	28,087
VS	NEI	GERY, IGAL B.	38,573
VA	DRS	KELNER, LEONID	29,618
VS	NIAMDD	SHAAYA, ELI	8,447
VA	NIAMDD	SHILOACH, JOSEPH	31,049
VS	NINCDS	YAAR, ISRAEL	40,174
VF	NIDR	YAAR, MINA	12,315
VS	NIEHS	YAGEN, BORIS	24,782
VF	NIAMDD	ZOMER, ELIEZAR	11,723

ITALY

VF	NCI	ALESSANDRI, GIULIO	673
VA	NIAMDD	AMBESI-IMPIOMBATO, F.	12,074
VF	NCI	AVVEDIMENTO, VITTORIO	13,860
VF	NCI	BARTOCCI, ANNA	14,614
VF	NIAMDD	BASILE, GIANDOMENICO	6,999
VA	NHLBI	BATTAINI, FIORENZO	18,705
VF	NCI	BISTONI, FRANCESCO	1,788
VF	NHLBI	BOLLI, ROBERTO	15,245
VS	NIAMDD	BRUNI, CARMELO B.	4,855
VF	NCI	CECCHERINI NELLI, LUCA	15,178
VF	NINCDS	CIRCOLO, ANTONELLA	7,987
VS	NIAMDD	CONSIGLIO, EDUARDO	5,753
VF	NCI	CORTESI, ENRICO	14,369
VF	NICHD	COSTA, TOMMASO	16,056
VF	NCI	COSTANTINI, MARIA	5,536
VF	NCI	DALLA FAVERA, RICCARDO	15,605
VF	NIA	DAM, MAURO	8,559
VA	NCI	DI NOCERA, PIER PAOLO	3,782
VF	NCI	EVA-VARESIO, ALESSANDRA	14,657
VF	NCI	FAGGIONI, ALBERTO	5,800
VF	NCI	FAGNANI, ROBERTO	15,304
VS	NCI	FERRINI, UMBERTO	18,440

ITALY (cont.)

VF	NCI	FRANCHINI, GENOVEFFA	14,302
VF	NCI	GARBI, CORRADO	14,112
VF	NCI	GARBISA, SPIRIDIONE	15,231
VF	NCI	GIANNI, LUCA	4,300
VF	NCI	GRIMALDI, GIOVANNA	3,299
VF	NIAMDD	GRIMALDI, SETTIMIO	9,090
VF	NCI	GULLETTA, ELIO	15,748
VF	NINCDS	MACCHI, BEATRICE	2,158
VF	NCI	MANZARI, VITTORIO	6,883
VF	NCI	MARSONI, SILVIA	11,477
VF	NINCDS	MORRONE, STEFANIA	11,232
VF	NHLBI	MURA, UMBERTO	15,748
VF	NCI	MUSTI, ANNA M.	14,227
VF	NCI	NUTI, MARIANNA	9,031
VA	NIAMDD	PANDIN, MARIO	7,927
VF	NINCDS	PARATI, EUGENIO A.	10,716
VF	NIAID	PAVIRANI, ANDREA	13,265
VF	NIAMDD	PAVONE, VINCENZO	13,079
VF	NHLBI	PEPE, GUGLIELMINA	13,556
VS	NCI	PIZZA, GIANCARLO	11,840
VF	NCI	PULCIANI, SIMONETTA	8,308
VF	NCI	RICCARDI, RICCARDO	15,408
VF	NCI	RIDGEWAY, ANNA RUSPA	9,567
VA	NHLBI	ROSSI, GIOVANNI A.	22,698
VS	NINCDS	RUGGIERI, STEFANO	29,819
VF	NCI	RUSSO, RAIMONDO GAETANO	4,645
VF	NIAMDD	SEMINARA, DANIELA	9,722
VF	NINCDS	SEMINARA, DANIELA	5,081
VA	NIEHS	SOFFRITTI, MORANDO	23,267
VF	NHLBI	SOLCA, MAURIZIO E.	15,426
VF	NCI	STAIANO, NORMA	12,435
VF	NINCDS	STROBBIA, ELENA BARBARA	8,976
VF	NIDR	TONIOLO, ANTONIO	15,252
VF	NCI	VARESIO, LUIGI	16,504
VF	NCI	VERONESE, FULVIA	14,917
VF	NINCDS	VICENTINI, LUCIA	10,294
VF	NIAMDD	VITTI, PAOLO	3,257
VF	NCI	ZICHE, MARINA	14,302

JAPAN

VF	NINCDS	ABE, KOZO	5,539
VF	NINCDS	ABE, TOSHIKO	4,990
VF	NCI	AIBA, HIROJI	10,617
VF	NIAID	AMANO, KEN-ICHI	5,892
VF	NINCDS	AOKI, TOMONOBU	15,580
VF	NINCDS	ARAI, HAJIME	10,874
VF	NIAID	ARAI, HIDEO	13,438
VF	NIAMDD	ARATA, TOSHIAKI	7,090
VF	NCI	ASANO, YOSHIHIRO	15,408
VA	NHLBI	AYUKAWA, SABURO	11,928
VF	NIAID	CHIBA, JOE	5,114

JAPAN (cont.)

VF	NINCDS	ENDO, TAKAKAZU	14,002
VF	NICHD	FUJIEDA, KENJI	11,155
VF	NIAMDD	FUJIHARA, SHIGEYOSHI	12,114
VF	NCI	FUJIWARA, HIROMI	16,098
VF	NINCDS	FUJIWARA, KEIGO	15,413
VF	NHLBI	FUJIWARA, MICHIHIRO	15,462
VF	NEI	FUKUI, HIROYUKI	12,781
VF	NINCDS	GOH, YASUMASA	2,252
VF	NCI	HABARA, AKEMI	6,651
VA	NCI	HAMADA, HIROSHI	20,369
VF	NIAID	HAMANO, TERUAKI	8,116
VF	NIAMDD	HASEGAWA, RYUICHI	14,283
VF	NICHD	HASHIMOTO, SEIICHI	1,171
VF	NICHD	HATTORI, MASA-AKI	2,563
VF	NIAMDD	HAYASHI, FUMIKAZU	3,779
VF	NCI	HAYASHI, MASAO	9,150
VF	NCI	HEMMI, HIROMICHI	6,364
VA	NIAMDD	HIDAKA, HIDEKI	24,762
VS	NEI	HIKOSAKA, OKIHIDE	26,721
VF	NCI	HIRAKAWA, TADASHI	14,339
VF	NCI	HIRANO, TAKASHI	7,916
VF	NCI	HIROKATA, YOICHIRO	15,670
VF	NIAMDD	HIZUKA, NAOMI	7,578
VA	NHLBI	HOJIMA, YOSHIO	17,021
VA	NINCDS	HORIE, RYOICHI	7,689
VA	NIDR	IDA, SHIROH	22,804
VF	NCI	IIJIMA, MASAFUMI	2,262
VF	NIAMDD	IMAI, JIRO	14,354
VF	NIAID	INADA, SHINICHI	1,397
VF	NIAMDD	INOUE, FUMIHIDE	10,975
VF	NCI	INOUE, YOSHIO	9,564
VF	NIEHS	INOUYE, MINORU	7,114
VF	NIAMDD	INUBUSHI, TOSHIRO	3,690
VA	NIAMDD	ISHIBASHI, FUKASHI	26,889
VF	NINCDS	ISHIHARA, HIRO-O	9,242
VA	NHLBI	ISHIHARA, TOKUHIRO	1,355
VS	NEI	ISHIKAWA, YUJIRO	21,377
VF	NIA	ITO, HIDEKI	15,556
VS	NIAID	ITO, YOSHIAKI	24,354
VS	NIAMDD	ITOH, TATEO	22,250
VF	NINCDS	ITOYAMA, YASUTO	12,450
VF	NIAID	IWATA, MAKOTO	4,995
VF	NIA	KADOMA, MASAAKI	14,954
VS	NCI	KAKUNAGA, TAKEO	39,175
VA	NICHD	KAMATSUKI, SHINISHI	9,397
VF	NCI	KATO, HARUKI	6,374
VF	NCI	KATO, YOSHIKO	6,006
VF	NIA	KATOR, KUNIHIKO	3,151
VA	NIDR	KIMATA, KOJI	11,728
VF	NCI	KIMURA, NARIMICHI	5,888
VF	NINCDS	KIRINO, TAKAAKI	1,259
VF	NHLBI	KISARAGI, MASATSUGU	462
VF	NCI	KOBAYASHI, TOMOWO	3,216

JAPAN (cont.)

VF	NCI	KOHNO, YOICHI	15,605
VF	NIAMDD	KONDO, SHUJI	7,643
VA	CC	KONO, SHINZO	17,198
VF	NIAID	KUMAGAI, SHUNICHI	15,695
VF	NINCDS	KURODA, YASUO	15,477
VF	NCI	KUWABARA, MIKIMORI	15,605
VF	NIAMDD	MAEDA, TOSHIO	2,451
VS	NINCDS	MAKIFUCHI, TAKAO	22,960
VF	NICHD	MANO, TOSHIAKI	15,659
VF	NINCDS	MARUKI, CHIKASHI	5,980
VA	NHLBI	MARUTA, HIROSHI	15,969
VA	NIAMDD	MATSUBARA, SABURO	13,492
VF	NHLBI	MATSUMURA, SUEO	7,440
VA	NICHD	MATSUURA, SHUJI	21,181
VF	NCI	MINEGISHI, ATSUKO	6,006
VF	NCI	MITSUOKA, AKIO	1,128
VF	NIAID	MIYAMURA, TATSUO	7,239
VF	NCI	MIYAZAWA, SANZO	14,688
VF	NCI	MIZUSAWA, HIROSHI	14,415
VF	NCI	MIZUSAWA, SAEKO	13,241
VS	NIAMDD	MIZUUCHI, KIYOSHI ***	24,841
VS	NINCDS	MOHRI, YOSHIOMI	6,805
VA	NINCDS	MORI, SHIGERU	19,897
VF	NIDR	MORISHIMA, TSUNEO	15,509
VF	NIDR	MORITA, YUTAKA	16,398
VF	NINCDS	MORIYA, YOSHIO	195
VF	NINCDS	MUNEMURA, MASAHIDE	5,046
VA	NIAMDD	NAGAMATSU, YASUNORI	8,419
VF	NCI	NAGAO, KENJI	16,161
VF	NIEHS	NAGAYAMA, JUNYA	10,046
VF	NCI	NAKABAYASHI, YASUHARU	3,555
VF	NIA	NAKANISHI, YOSHIFUMI	5,008
VF	NIA	NAKANO, MASATOSHI	11,988
VA	NHLBI	NAKAYA, SEISHI	20,148
VF	NHLBI	NAKAYA, YOKO	12,754
VF	NIEHS	NAKAYAMA, KOJI	14,602
VF	NCI	NAKAZAWA, HIROYUKI	14,962
VF	NEI	NAKAZAWA, KIYOSHI	7,637
VA	NCI	NAWATA, HAJIME	19,096
VS	NICHD	NEGISHI, MASAHIKO	24,576
VF	NICHD	NISHIOKA, YUTAKA	14,385
VS	NICHD	NODA, KOSAKU	4,957
VF	NIAMDD	NOJI, SUMIHARE	6,878
VF	NICHD	NOZU, KAORU	15,371
VF	NCI	NUMAO, NAGANORI	15,822
VA	NINCDS	OCHI, KOZO	17,315
VF	NICHD	OHASHI, MASANOBU	1,385
VF	NIA	OHATA, MASAHIRO	15,205
VF	NCI	OHKUBO, HIRAOKI	14,694
VF	NIEHS	OHNISHI, SEIDO	9,045
VS	NIAMDD	OHNO, MOTONORI	7,200
VF	NIEHS	OKABE, MASARU	14,002
VF	NCI	OKADA, MARIKO	3,685

JAPAN (cont.)

VF	NCI	OKADA, YASUHIRO	3,688
VF	NIDR	OKANO, TOMOHIRO	15,353
VA	NIDR	ONODERA, TAKASHI	23,549
VA	NIAMDD	SATO, KANJI	12,180
VF	NINCDS	SATO, SHUZO	15,488
VF	NIAMDD	SATOW, YOSHINORI	13,991
VF	NIDR	SEKIZAWA, TSUYOSHI	9,845
VA	NHLBI	SHIBAHARA, SHIGEKI	6,553
VF	NCI	SHIDOJI, YOSHIHIRO	15,176
VF	NINCDS	SHII, HIROFUMI	5,031
VF	NCI	SHIMATAKE, HIROYUKI	9,125
VF	NIDR	SHIMIZU, FUMIO	16,155
VF	NIAMDD	SHIMIZU, SATORU	14,930
VF	NICHD	SHIMOHIGASHI, YASUYUKI	3,762
VS	NIAMDD	SHINDO, HEISABURO	21,711
VF	NICHD	SHIROMIZU, KENJI	14,803
VS	NINCDS	SHITARA, NOBUYUKI	20,022
VF	NIAID	SONE, YOSHIAKI	9,967
VF	NIAMDD	SONE, YOSHIAKI	5,114
VF	NCI	SUGIMOTO, TOHRU	15,353
VS	NIEHS	SUGINO, AKIO ****	25,838
VF	NIDR	SUZUKI, HOSHIBUMI	5,055
VF	NINCDS	SUZUKI, RYUTA	10,836
VF	NIEHS	SUZUKI, YOSHIHIDE	6,255
VF	NCI	TACHIWAKI, OSAMU	15,094
VF	NIEHS	TAKAGI, HIROFUMI	10,730
VF	NIAMDD	TAKAHASHI, KAZUYUKI	3,320
VF	NIAMDD	TAKAHASHI, KIMIO	11,417
VF	NIAMDD	TAKASAKI, SEIICHI	15,790
VF	NINCDS	TAKEDA, TOSHIAKI	12,410
VF	NIA	TAKEI, HIDENORI	2,985
VF	NCI	TAMAKI, KUNIHIKO	15,470
VF	NCI	TANIYAMA, TADAYOSHI	10,478
VS	NIAMDD	TAWADA, KATSUHISA	4,521
VF	NIAMDD	TERADA, NOBUYUKI	15,382
VA	NCI	TOMITA, YOSHIMI	10,211
VS	NIHCDS	TOYONAGA, KAZUTAKA	986
VA	NIAMDD	TSUCHIYA, TAKASHI	21,752
VF	NCI	TSUKAMOTO, KYOZO	5,137
VF	NIDR	TSUKAMOTO, YOSHIO	16,026
VF	NINCDS	TSURUTA, KAZUMA	13,582
VF	NIA	UCHIDA, TSUTOMU	3,151
VF	NCI	UCHIYAMA, TAKESHI	14,512
VF	NCI	UEHARA, YOSHIMASA	1,659
VS	NEI	UGA, SHIGEKAZU	21,775
VF	NCI	UMENE, KENICHI	16,228
VF	NIAMDD	WAKIMOTO, HIROSHI	6,118
VA	NIDR	WARABI, HARUAKI	21,585
VS	NEI	YAJIMA, YASUMICHI	21,419
VF	NIEHS	YAMADA, KOJI	12,249
VA	NIAMDD	YAMAGUCHI, KAZUO	12,668
VF	NCI	YAMAGUCHI, MITSUYO	8,476
VA	NCI	YAMAMOTO, TADASHI	18,962

JAPAN (cont.)

VF	NHLBI	YAMAMOTO, TOSHIHIKO	506
VF	NHLBI	YANAGISAWA, TADASHI	7,159
VF	NIDR	YANAGISAWA, TAKAAKI	15,601
VA	NIDR	YONEDA, TOSHIYUKI	22,754
VA	NHLBI	YOSHIDA, HISANOBU	16,455
VS	NIAID	YOSHIIKE, KUNITO	27,000
VF	NCI	YUASA, YASUHITO	2,273

*** RESIDENT ALIEN ***

VF	NIAMDD	KOMORIYA, AKIRA	14,213
VA	NCI	OZATO, KEIKO	20,556
VS	NINCDS	SATO, SUSUMU	20,219
VS	NIAMDD	TOMIZAWA, YUN-ICHI	50,069
VS	NIAMDD	YAGI, HARUHIKO	33,503
VA	NCI	YAMADA, YOSHIHIKO	17,196

KOREA

VF	NIDR	CHA, CHANG YONG	16,541
VF	NIDR	CHANG, SUNG KEUN	14,231
VF	NCI	KOH, KWANG SAM	4,225
VF	NIEHS	KOO, JOO OK	14,730
VF	NINCDS	LEE, PYUNG WOO	15,011
VF	NIAMDD	LIMN, WONGIL	12,999

*** RESIDENT ALIEN ***

VF	NIEHS	KIM, KWANG CHUL	7,109
VA	NIAID	KIM, KYUNG-JIN	19,768
VF	NIDR	PARK, MYUNG HEE	15,353
VA	NCI	PARK, SANG SHIN	21,897

LEBANON

VF	NIAID	BAROUDY, BAHIGE	13,839
VF	NCI	JURJUS, ABDO R.	12,155
VF	NIAMDD	SEIF, ROLAND	15,089

*** RESIDENT ALIEN ***

VF	NIDR	BARSUMIAN, EDWARD	14,624
VA	NCI	SHAFIE, SAMIR M.	24,268

LUXEMBOURG

VF	NCI	EVEN, JOSEPH	14,733
VA	NHLBI	KOCH, JEAN-PAUL	18,178
VF	NCI	SCHOLL, SUZY MARIE E.	13,211

VISITING PROGRAM PARTICIPANTS - FY 80

MEXICO

VA	DCRT	GARCIA-HIDALGO, MARIA ISABEL	11,294
VA	NIEHS	HERNANDEZ, OSCAR	22,855
VA	NIAMDD	KULLICK, MARGARITA	6,438
VF	NEI	SALINAS-CARMONA, MARIO C.	15,314
VF	NINCDS	SOTELO, JULIO	6,811
VA	NIAID	SREDNI, BENJAMIN	18,837

NEPAL

VF	NIA	SAXENA, QUEEN BABA	13,628

NETHERLANDS

VF	NCI	BREED, JOHAN	11,162
VF	NINCDS	BROUWERS, EMILE I. M.	8,995
VF	NCI	GAZENDAM, JURJEN	5,715
VF	NINCDS	GOUDSMIT, JAAP	2,335
VF	NCI	KRUISBEEK, ADA	1,152
VF	NIDR	LYARUU, DONACIAN	13,524
VF	NICHD	VAN DER WAALS, FRANSJE	1,597
VF	NCI	VAN RENSWOUDE, A. JOSEPH	2,198

NEW ZEALAND

VF	NIEHS	ROBERTSON, IAIN	14,405
VF	NIEHS	SCOBIE, NITA	6,268
VF	NCI	WASTNEY, MERYL EVELYN	5,348

NIGERIA

VF	NIAMDD	OLUBAJO, OLARONGBE	14,426
VF	NIAID	UDEINYA, IROKA JOSEPH	10,745

*** RESIDENT ALIEN ***

VF	NINCDS	AGBEDE, OLAJIDE	14,604
VF	NINCDS	UBOM, GREGORY	3,553

PAKISTAN

VS	NINCDS	ABEDIN, M. ZAIN-UL	10,258
VF	NICHD	MALIK, NAJMA	4,920

*** RESIDENT ALIEN ***

VF	NIAID	KHAN, ARIFA SAEED	12,869
VF	NINCDS	SIDDIQUE, TEEPU	3,697

PERU

VF	NCI	BECERRA, SOFIA PATRICIA	12,230
VF	CC	CANO, ROQUE	7,632
VF	NCI	NAVARRO, NICANOR	16,056

PHILIPPINES

VF	NCI	ANZANO, MARIO	7,631
VA	NINCDS	CHU, ANITA BERNABE	2,499
VA	NEI	DATILES, MANUEL	26,889
VF	NCI	DETERA, SEVILLA DELLOSON	12,053

*** RESIDENT ALIEN ***

VF	NICHD	ABASTILLAS, PAZ FENG	10,192

POLAND

VF	NICHD	ANDRUSZKIEWICZ, RYSZARD	15,175
VS	NCI	FILIPSKI, JAN FELIKS	29,440
VF	NHLBI	KONIECZNY, ANDRZEJ	7,221
VA	NIEHS	KORBUT, RICHARD	10,893
VF	NIAMDD	LESIAK, KRYSTYNA	2,957
VF	NINCDS	MILLER-PODRAZA, HALINA	4,193
VA	NICHD	PRZYBYLSKI, JOZEF	11,628
VS	NIAMDD	ROZWADOWSKA, MARIA	17,047
VF	NCI	SASAK, WLODZIMIERZ	10,117
VF	NIAID	TYRAN, BRONISLAW	4,028
VF	NCI	WOLSKA, KRYSTYNA	11,021
VF	NIA	ZAWADZKI, STEFAN	15,351
VF	NIA	ZJAWIONY, JORDAN	8,329

PORTUGAL

*** RESIDENT ALIEN ***

VS	NCI	PINTO DA SILVA, PEDRO	43,125
VF	NIAMDD	VELOSO, DULCE	13,527

ROMANIA

*** RESIDENT ALIEN ***

VS	NCI	POPESCU, NICOLAE	27,302

S AFR REP OF

VA	NIAMDD	DUSHEIKO, GEOFFREY M.	6,427
VS	NIAMDD	LE ROITH, DEREK	24,937
VS	NIAMDD	VAN JAARSVELD, PIETER P.	29,844

SIERRA LEONE

VF	NIAMDD	WILLIAMS, EVAN	14,226

*** RESIDENT ALIEN ***

VA	NINCDS	COKER-VANN, MILLICENT	18,238

SPAIN

VF	NCI	ALVAREZ, JOSE MOSIG	13.056
VF	NEI	BARRAQUER, ELENA	6,163
VF	NIDR	CABRERA, CARLOS V.	3,291
VS	NCI	DE LANDAZURI, MANUEL ORTIZ	6,389
VF	NIAMDD	DE PABLO, FLORA	8.219
VA	NIAMDD	HEDO, JOSE ANTONIO	17,967
VF	NCI	MOYANO, ALFREDO	4,440
VF	NIAMDD	SANTOS, TOMAS	14,502

*** RESIDENT ALIEN ***

VF	NINCDS	BORRAS, MARIA-TERESA	15,186
VF	NHLBI	DE BLAS, ANGEL L.	15,046

SRI LANKA

VF	NIEHS	ABEYWICKRAMA, KAMAL H.	13,150
VF	NINCDS	WEERASURIYA, ANANDA	5,568
VF	NICHD	WIMALASENA, JAYANTHA	8,821

STATELESS

VF	NINCDS	BRUCKNER, ALBRECHT	4,756
VS	NCI	DONNER, LUDVIK RAFAEL	31,686
VF	NCI	DORFMAN, NIKOLAY	24,313
VF	NINCDS	GOLDGABER, DMITRY Y.	3.855
VA	NCI	LYUBSKY, SERGEY	5,371
VF	NICHD	MILLSTEIN, ELLEN	14,669
VA	NICHD	MUNABI, ABRAHAM	6,049
VF	NCI	SHEKHTMAN, ANNA	8,266
VF	NCI	SUSLOV, IRENE	7,218

SUDAN

VF	NIEHS	ALI, ABDELRAHIM	13.502

SWEDEN

VF	NIAMDD	ANDOLF, ELLEN	13,528
VF	NIDR	ARVIDSSON, JAN	11,296

SWEDEN (cont.)

VF	NIA	ASK, PER NILS AKE	4,348
VF	NCI	BLOMBERG, JONAS	15,304
VA	NIAMDD	EKBORG, CARL GORAN	6,714
VS	NIDR	EMILSON, CLAES	14,144
VF	NHLBI	ERICSON, ANN-CHRISTIN	1,175
VS	NIDR	ERICSON, THORILD	37,460
VS	NLM	FALKENBERG, GORAN	36,506
VF	NCI	GRAFSTROM, L. ROLAND	5,035
VS	NIDR	GRONDAHL, HANS GORAN	37,423
VF	NIDR	GRONDAHL, KERSTIN	4,439
VS	NCI	LUNDBLAD, K. ARNE	4,743
VF	NIEHS	MANSSON, PER-ERIK	15,304
VA	NCI	NILSSON, BO BERTIL	15,280
VA	NIDR	OLSSON, JAN SIGVARD	22,902
VF	NIEHS	OSKARSSON, AGNETA	37
VF	NIA	PERSKI, ALEKSANDER	14,955
VF	NHLBI	PERSSON, BO-ERIC	12,241
VF	NIEHS	POST, CLAES TOMAS	13,284
VF	NIDR	QWARNSTROM, EVA	14,956
VS	NHLBI	RINGQVIST, IVAR	58,879
VA	NINCDS	RINGQVIST, KRISTINA MARGARETA	16,562
VF	NIAMDD	SJOLIN, LENNART	14,104
VS	NCI	SMEDS, STAFFAN PER-INGEMAR	7,930
VS	NIEHS	VOUK, VELIMIR BOZIDAR	23,945
VF	NIAID	WALI, TONU MART	1,240
VS	NHLBI	WEDEL, HANS	28,898

*** RESIDENT ALIEN ***

VS	NHLBI	FURBERG, CURT	49,080
VS	NIDR	OMNELL, KARL AKE	35,788
VS	NIDR	OMNELL, LENA MAJ O.	25,665

SWITZERLAND

VF	NIEHS	BINKERT, FRANZ	7,017
VS	NCI	BONNARD, GUY ***	42,803
VF	NIAMDD	BUCHS, PETER	7,768
VA	NINCDS	DE COURTEN, GABRIELLE	17,505
VF	NIAMDD	ERARD, FRANCOIS	15,304
VA	NINCDS	HAGMANN, JOERG	23,301
VF	NIAMDD	JUILLERAT, MARCEL	15,102
VF	NIAMDD	KUNZLER, PETER	15,346
VF	NCI	LANGBEHEIM, HARRY	7,686
VF	NCI	LONG, ERIC O.	15,085
VA	NIDR	OBRIST, RETO	14,441
VA	NIEHS	RACINE, ROBERT	14,049
VF	NCI	SCHMEISSNER, URSULA	14,058
VF	NIEHS	SCHMIDT, BEAT	10,140
VF	NIDR	STADLER, BEDA M.	14,104
VA	NCI	WAHLI, WALTER	18,190

VISITING PROGRAM PARTICIPANTS - FY 80

SWITZERLAND (cont.)

*** RESIDENT ALIEN ***

VS	NIAMDD	BROSSI, ARNOLD	50,069
VS	NCI	VOGELI, GABRIEL	27,596

TAIWAN

VS	NIAID	CHEN, DING-SHINN	28,293
VF	NHLBI	CHEN, SHEAM-PEY HWANG	4,087
VF	NIAMDD	CHIU, FANG-TING	4,805
VF	NICHD	HAYASHI, KEIKO	2,525
VF	NIEHS	HUNG, CHEN-ROAD	3,528
VF	NCI	WEI, SHU-JING CAROLINE HU	9,508
VF	NINCDS	YANG, FUN MEI	6,016

*** RESIDENT ALIEN ***

VF	NIAMDD	CHAU, VINCENT	3,161
VA	NICHD	CHEN, YUAN-TSONG	6,049
VF	NCI	CHING, WEI-MEI	4,839
VA	NCI	CHOU, FENG-TE	23,857
VF	NINCDS	CHU, MARTHA I-HWA	15,534
VF	NCI	HO, CHING	2,213
VF	NIAMDD	KOH, SHAY-WHEY MARGARET	13,186
VF	NIEHS	KUNG, ADA HSIAO-CHIA	1,304
VF	NIAID	KUNG, JOHN T.	13,882
VS	NIAID	LAI, CHING-JUH	30,897
VA	NIDR	LI, SHOU-HUA	25,587
VF	NCI	LIANG, CHI-MING	15,304
VF	NCI	LIN, HSIN-LI	9,017
VA	NIEHS	PAN, YU-CHING E.	20,991
VF	NIAID	WANG, ER-CHUNG	8,236

THAILAND

VF	NCI	RUCHIRAWAT, MATHUROS	1,881

TURKEY

VA	NIAMDD	BARLAS, NEFISE	26,747
VS	NCI	GOZUKARA, ENGIN	25,430
VF	NHLBI	TOLUNAY, H. ESER	13,502
VF	NIA	ZIYLAN, Y. ZIYA	2,790

UNITED KINGDOM

VF	NIEHS	ADRIAENSSENS, PETER ISADORE	2,261
VA	NIEHS	BALL, LOUISE M.	20,000

UNITED KINGDOM (cont.)

VF	NHLBI	BOYD, MALCOM	7,421
VA	NCI	BUSBY, STEPHEN	6,864
VF	NIDR	CANTIN, EDOUARD	9,722
VS	NINCDS	CAPILDEO, RUDY	14,290
VF	NIEHS	CARMICHAEL, NEIL	3,001
VF	NCI	CHALMER, JANE E.	2,754
VA	NCI	CHAU, RAYMOND	6,621
VF	NHLBI	CHENERY, RICHARD	14,122
VS	NICHD	CLAYTON, RICHARD NIGEL	23,630
VS	NIDR	COLE, MICHAEL	29,589
VF	NIAMDD	COOPER, DERMOT M.F.	14,584
VF	NIAID	COOPER, JONATHAN A.	4,413
VF	NCI	COSMAN, DAVID JOHN	1,112
VF	NIAID	CRANE, MARK S.	15,264
VS	NINCDS	CRITCHLEY, DAVID ROYSTON	8,285
VF	NHLBI	DALGLEISH, RAYMOND W. M.	6,625
VF	NCI	DOWER, STEVEN	13,769
VF	NINCDS	ELLIOTT, RICHARD M.	9,658
VF	NIAMDD	FEWTRELL, CLARE	15,202
VS	NIDR	FINCHAM, ALAN	34,230
VF	NIAMDD	FISHER, LARRY MARK	1,152
VS	NCI	FOWLER, JOHN F.	22,207
VF	NIAID	GARDINER, PETER	13,074
VF	NCI	GEE, ADRIAN P.	14,377
VF	NIAMDD	GILL, DONALD	14,541
VF	NICHD	GOFF, ALAN K.	15,252
VF	NIAID	GRAVES, PATRICIA MARGARET	4,902
VF	NIEHS	HARRELSON, JANE CROFT	14,305
VF	NHLBI	HEMMINGS, BRIAN A.	4,077
VF	NIAID	HITCHCOCK, MICHAEL	15,040
VF	NIEHS	ILLSLEY, NICHOLAS P.	4,312
VF	NIDR	JACQUES, NICHOLAS	15,077
VF	NHLBI	JAGUS, ROSEMARY	15,184
VA	NIAMDD	JAY, FRANCIS	16,572
VF	NINCDS	JOHNSON, DAVID	13,804
VF	NEI	JUDGE, STUART J.	5,224
VF	NIEHS	KAO, JOHN	11,768
VS	NCI	MAGRATH, IAN	43,634
VF	NINCDS	MATHERS, DAVID A.	15,798
VF	NICHD	MESSER, DAVID J.	14,453
VF	NICHD	MESSER, LESLEY IRENE	13,441
VF	NCI	MONKS, PATRICIA	13,423
VF	NHLBI	MONKS, TERRENCE	14,527
VF	NIDR	MURRAY, JOHN C.	10,593
VS	CC	PALING, MICHAEL	40,536
VF	NINCDS	PALMER, CLAUDE IRENE	13,668
VF	NCI	PARKER, ROBERT J.	14,380
VA	NIEHS	POWELL-JONES, WENDY	17,339
VF	NHLBI	PROUD, DAVID	14,390
VF	NICHD	PUN, RAYMOND	5,655
VF	NIEHS	QUARMBY, VALERIE	8,320
VF	NCI	RADCLIFFE, JOHN	4,401
VF	NICHD	RICHARDSON, WILLIAM	14,904

UNITED KINGDOM (cont.)

VS	NHLBI	RIFKIND, BASIL	49,423
VF	NHLBI	ROTTER, ANDREJ	5,794
VF	NIEHS	SALT, ALEC N.	15,483
VF	NCI	SIDDIK, ZAHID H.	9,215
VA	NIAMDD	SIMPSON, IAN ALEXANDER	16,039
VA	NIAMDD	STEVEN, ALASDAIR	27,169
VF	NCI	TAHOURDIN, CAROLINE	9,521
VF	NIEHS	TEMPEST, PHILIP	13,655
VF	NCI	TONG, SAMUEL S.	13,458
VF	NCI	WALLACE, DONALD MARK	14,156
VA	NINCDS	WARD, CHRISTOPHER D.	26,229
VF	NCI	WARD, DOUGLAS FRANK	13,812
VF	NCI	WATSON, ROGER J.	14,287
VF	NCI	WEST, MICHAEL	14,566
VA	NIEHS	WILSON, ALAN G.	24,203
VA	NIEHS	WOLF, CHARLES ROLAND	21,483
VA	NIDR	WRAY, DAVID	24,376

*** RESIDENT ALIEN ***

VS	NCI	BOYLE, MICHAEL	20,541
VA	NIAMDD	BRIDGEN, PAMELA BERESFORD	18,862
VA	DRS	HOULT, DAVID	34,265
VA	NIDR	LENK, ELAINE V.	22,887
VS	DRS	SMITH, PAUL DUNCAN	9,439
VF	NINCDS	WONG, BRENDAN	14,704

UNITED STATES

VS	NHLBI	BEG, ZAFURUL	7,655
VS	NIEHS	BEND, JOHN	36,243
VF	NCI	BUTKUS, DANUTE	13,746
VS	NCI	CAPLAN, SAMUEL ROY	34,928
VS	NCI	DE CROMBRUGGHE, BENOIT	50,069
VS	NEI	DE MONASTERIO, F.	31,306
VS	NIAMDD	FLOCK, EUNICE	23,406
VS	NIAMDD	JONES, EVAN	46,769
VS	NIAMDD	MARRONE, GARY STEPHEN	12,329
VA	NEI	MILES, FREDERICK A.	1,039
VS	NIAMDD	PEFF, THOMAS COSTO	6,301
VA	NCI	RON, ELAINE	2,422
VA	NICHD	STEWART, MARGARET	8,785
VS	NIAMDD	SUBRAMANIAN, S.	23,841
VA	NCI	TAGNON, ISABEL	4,463
VS	NCI	THORGEIRSSON, S.	36,277

VENEZUELA

VS	NCI	MARQUEZ, VICTOR E.	32,699

VENEZUELA (cont.)

*** RESIDENT ALIEN ***

VF	NCI	GOLDSTEIN, SIMOY	14,704

VIET-NAM S

*** RESIDENT ALIEN ***

VS	NICHD	NGUYEN, NGA YEN	22,466

W INDIES

*** RESIDENT ALIEN ***

VA	NCI	EDWARDS, WINSTON	24,542

GUEST WORKERS

Under the Guest Worker Program, on occasion, the NIH invites foreign scientists sponsored by qualified organizations to utilize the research facilities of the NIH for research projects and programs. These scientists are provided with laboratory space, equipment, and materials; however, their salaries are paid by another source, which may be a domestic U.S. organization or foundation or the scientist's institution in his home country.

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INTERNATIONAL GUEST WORKERS - FY 80

Country	Institute	Name	Total
ALGERIA	NIAMDD	ABDELMOUMENE, SAKINA	1
ARGENTINA	NICHD	CALVO, JUAN C.	
	NCI	MONIS, BENITO	2
AUSTRALIA	NCI	BISHOP, JAMES F.	
	NCI	ELLIMS, PETER H.	
	NINCDS	FRENCH, ROBERT	
	NIDR	JACQUES, VIRGINIA	4
AUSTRIA	NCI	LUGER, THOMAS	
	NIAMDD	SMOLEN, JOSEF	2
BANGLADESH	NICHD	ABEDIN, MEHNUR	1
BELGIUM	NCI	CALBERG, CLAIRE M.	
	NIAMDD	DE WOLF, MARC	
	NIAMDD	DUBOIS, ANDRE	
	NICHD	LOUMAYE, ERNEST	
	NINCDS	SUBIANTO, D. BUDI	
	NIAMDD	VAN OBBERGHEN, EMMANUEL	6
BRAZIL	NIAID	BARRAL, ALDINA M. P.	
	NIAID	BARRAL, MANOEL	
	NIDR	CAMARGO, SERGIO M.	
	NIDR	DOINE, AURORA	
	NCI	EJZEMBERG, REGINA	
	NIAID	GARCIA, ELOI DE SOUZA	
	NIAID	GUSMAO, RENATO	
	NIDR	HALFOUN, VERA	
	NIAMDD	HIGA, OLGA	9
CANADA	NINCDS	BERNAD, PETER	
	NCI	BOOTH, JOHN D.	
	NICHD	CHENG, KWONG-WAH	
	NHLBI	COTE, GRAHAM P.	
	NICHD	GAUDREAU, PIERRETTE	
	NIAMDD	GOETZE, ANDREW	
	NCI	HAN, SINBEE	
	NIAMDD	HAVRANKOVA, JANA	
	NHLBI	JONES, BEVERLY	
	NCI	LACROIX, ANDRE	
	NIAMDD	LASKIN, CARL	
	NICHD	MARSHALL, KENNETH C.	
	NINCDS	MURRAY, GARY	
	NICHD	PRIVES, JOAV	
	NIAMDD	RICHARDSON, JOAN	
CANADA (cont.)	NIAMDD	SWEETING, LINDA	
	NCI	WAINBERG, MARC A.	17
CHILE	NCI	BECA, JULITA	1
CHINA (MAINLAND)	NCI	CHEN, SHAN SHAN	
	NIEHS	LIU, YU-YING	
	NIAID	SU, ROBERT	
	NCI	WU, BING-QUAN	
	NCI	XANG, JIAN-HUA	5
COLOMBIA	NICHD	GARCIA, JORGE	1
CZECHOSLOVAKIA	NCI	POPOVIC, MIKULAS	1
DENMARK	NCI	HANSEN, PAUL VALENTIN	
	FIC	ORSKOV, IDA	
	NCI	PANDURO, JYTTE	3
EGYPT	DRS	HASHISH, MOHAMED A.	
	DRS	RASMY, MOHAMED EMAD M.	2
FINLAND	NCI	TIMONEN, TUOMO T.	1
FRANCE	NIAMDD	BALI, JEAN-PIERRE	
	NICHD	BOKOUM, MADINA	
	NIAID	BONA, CONSTANTIN	
	NIAMDD	CANTACUZENE, DANIELE	
	NICHD	CARAYON, PIERRE	
	NINCDS	CLERGET, FRANCOISE	
	NINCDS	DUFY, BERNARD	
	NCI	EVAIN, DANIELE	
	NINCDS	GOURMELON, PATRICK	
	NIAMDD	KILHOFFER, MARIE-CLAUDE	
	NICHD	KREITMANN, BRIGITTE	
	NICHD	KREITMANN, OLIVIER	
	NCI	LE CAM, GINETTE	
	NCI	MANDARD, ANNE MARIE	
	NCI	MANDARD, JEAN CLAUDE	
	NCI	METZGER, ANNIE	
	NCI	PONS, FRANCOISE	
	NCI	VIZA, DIMITRI	
	NIEHS	VON SCHEIDT, ANDREAS T.	19

BEST DOCUMENT AVAILABLE

INTERNATIONAL GUEST WORKERS - FY 80

GERMANY, FED R

NIAMDD	BROCKHAUS, MANFRED W.
NIDR	BULLINGER, MONIKA
NIAID	DIENES, HANS PETER
NCI	DOMZIG, WOLFGANG
NCI	GRAMATZKI, MARTIN
NCI	GRUSS, PETER
NIAMDD	HARPER, INGEBORG T.
NCI	HURTENBACH, URSULA
NCI	IRMSCHER, KLAUS
NIAMDD	JACOBSEN, HELMUT
NICHD	JAHN, CLAUS
NICHD	KAHL, GEORG
NINCDS	KRATZ, RUDIGER
NIAMDD	KRAWIETZ, WOLFGANG
NCI	MANNEL, DANIELA
NINCDS	METUZALS, JANIS
NIDR	NORTHOFF, GERD-H.
NCI	PAWLITA, ISABELLE
NIAMDD	ROSNER, MANFRED
NINCDS	SCHOBER, RALF
NHLBI	THIEDEMANN, KLAUS-ULRICH
NCI	WEHLAND, JURGEN
	22

GRENADA

NCI	RODNEY, ROMAIN
	1

GUYANA

NIAMDD	HANIF, BEBI Z.
	1

HONG KONG

NIAMDD	LOCK, KWAN-LING
	1

HUNGARY

NIAMDD	FARKAS, KORNELIA
NIAMDD	FESUS, LASZLO
NIAMDD	MUSZBEK, LASZLO
	3

INDIA

NIAMDD	BANERJEE, DIPAK KUMAR
NCI	JAIN, RAKESH
NIAMDD	MAHESHWARI, RADHA K.
NIAMDD	RAY, TAPAS KUMAR
NCI	REDDY, E. SHYAM PRASAD
NINCDS	REDDY, NEELUPALLI
	6

IRAN

NHLBI	VOSSOUGHI, JAFAR
	1

ISRAEL

NICHD	BEN-OR, SARAH
NIDR	CHOSACK, AUBREY
NIAMDD	EPSTEIN, MICHAEL
NIAMDD	FEINSTEIN, GAD
NHLBI	GADASI, HANA

ISRAEL (cont.)

NINCDS	HIRSCH, MICHAEL
NIDR	HOCHMAN, NIRA
NIAMDD	ITIN, AHUVA
NCI	KEDAR, ELIEZER
DRS	KRINDEL, PNINA
NIAMDD	LIBERMAN, URI
NCI	OPPENHEIM, ARIELLA
NCI	PICK, EDGAR
NICHD	STEINHERZ, MINA
NCI	YANIV, A.
NCI	YARKONI, ELIAHU
	16

ITALY

NIAMDD	ACQUAVIVA, ANGELA MARIA
NCI	ADAMO, SERGIO
NIAMDD	ALBANI, CARLO
NCI	BONMASSAR, ENZO
NHLBI	BOTTINO, SALVATORE
NINCDS	CERVETTO, LUIGI
NCI	DI LAURO, ROBERTO
NINCDS	FERRARI, GIOVANNA
NCI	FERRINI, UMBERTO
NIAMDD	GENTILE, FABRIZIO
NCI	LANDOLFO, SANTO
NHLBI	MACCABRUNI, MARIO
NHLBI	MEMO, MAURIZIO
NCI	PANDOLFI, FRANCO
NCI	PIANCINO, MARIA GRAZIA
NCI	PRAT, MARIA
NCI	ROSSI, GERDINANDO
NCI	RUCO, LUIGI
NHLBI	SERVILLO, LUIGI
NIAMDD	TOMBACCINI, DONATELLA
NCI	TORRISI, MARIA ROSARIA
NIAMDD	VITA, CLAUDIO
NIAMDD	VITTI, PAOLO
NIDR	VOLPIN, DINO
	24

JAPAN

NIAID	ARAI, YOHKO
NIAID	CHIBA, JOE
NIDR	FUTAKAMI, KATSUYUKI
NIAMDD	FUTAMI, YASUHIKO
NICHD	HASEGAWA, SHUJI
NIAMDD	HIZUKA, NAOMI
NINCDS	IIJIMA, KUNIHIRO
NIAMDD	ISHIDA, TORAO
NHLBI	ISHIHARA, TOKUHIRO
NHLBI	KABASAWA, YOZO
NCI	KADOMA, MASASHI
NICHD	KAMATSUKI, SHINICHI
NIAMDD	KAWAI, HIROYASU
NIDR	KIMATA, KOJI
NIEHS	KOJO, HITOSHI

INTERNATIONAL GUEST WORKERS - FY 80

JAPAN (cont.)	NCI	MAEDA, MICHIYUKI	
	NIEHS	MATSUMOTO, NOBUO	
	NIAID	MITAMURA, KEIJI	
	NCI	NANBA, KOJI	
	NIAMDD	ONO, MASAYOSHI	
	NIAMDD	OTA, YOSHIMI	
	NIAMDD	OWADA, MISAO	
	NINCDS	RIKIMARU, SHOZO	
	NIAMDD	SATO, KANJI	
	NHLBI	SHIBAHARA, SHIGEKI	
	NINCDS	SHITARA, NOBUYUKI	
	NHLBI	TAKAHARA, YOSHIYUKI	
	NIAMDD	TAKAHASHI, TSUNEO	
	NIAMDD	TAKASAKI, YOSHIKO	
	NIDR	TANAKA, YASUHIKO	
	NHLBI	TANASE, HISAO	
	NCI	TOKUNAGA, MASAYOSHI	
	NCI	TOMISAWA, SHOGO	
	NIAMDD	TSUJIMURA, RYOTARO	
	NCI	TSUKAMOTO, KYOZO	
	NIAMDD	TSUNOO, HAJIME	36
KOREA	NCI	CHA, SUN-JU	
	NHLBI	RO, YOUNG MOO	2
LEBANON	NINCDS	BASSAM, ALI BASSAM	1
LIBYA	NINCDS	ZREBEET, HAFEZ	1
MEXICO	NICHD	GARCIA-VELA, ALPHONSO	
	NIAID	GIONO, SILVIA	
	NCI	MONTANEZ OJEDA, SILVIA	
	NIAMDD	PEREZ, RUY E.	
	NCI	SOSA-LUNA, LUIS E.	5
NETHERLANDS	NCI	CLEVERS, JOHANNES	
	NINCDS	DE LEVIE, ROBERT	
	NIAMDD	DINANT, HUIBERT O.	
	NCI	DUBBELMAN, THOMAS	
	NCI	KRUISBEEK, ADA	
	NCI	STEERENBERG, PETER A.	
	NIDR	VAN OIRSCHOT, JAN	7
NEW ZEALAND	NINCDS	SOTELO, JULIO	1
NIGERIA	NCI	LAMI, JEFFREY	1
NORWAY	NCI	HAUGEN, AGE	1
PAKISTAN	NINCDS	JAHANGEER, SALEEM	1
PHILIPPINES	NIAMDD	PADLAN, EDUARDO	1
S AFR REP OF	NIAMDD	DUSHEIKO, GEOFFREY M.	1
SPAIN	NCI	ARROYO, MANUEL V.	
	NINCDS	GONZALEZ, ANTONIO	
	NIAMDD	HEDO, JOSE ANTONIO	
	NICHD	ITARTE, EMILIO	
	NIAMDD	NOTARIO, VICENTE N.	
	NIAMDD	TEJEDOR, CARMEN	
	NIAMDD	VILLANEUVE, MARIA L.	7
SRI LANKA	NIAMDD	NAGULESPARAN, MURUGASU	1
STATELESS	NCI	DORFMAN, NIKOLAY	1
SWEDEN	NICHD	ALLENMARK, STIG G.	
	NHLBI	ARVIDSSON, ANNIE	
	NIDR	DENCKER, LENNART	
	NIDR	GRONDAHL, KERSTIN	
	NHLBI	HARTMANIS, MARIS	
	NIDR	LOHMANDER, LARS STEFAN	
	NHLBI	MILLER-ANDERSON, MAGGIE	
	NCI	OLSSON, INGE	
	NIEHS	OSKARSSON, AGNETA	
	NIDR	SODERSTROM, TOMMY O.	
	NINCDS	SVEDMYR, E. ARNE	11
SWITZERLAND	NIDR	OBRIST, RETO	
	NIAID	PETER, OLIVIER	
	NIAMDD	RIZZOLI, RENE	
	NCI	SCHUMPERLI, DANIEL	
	NICHD	SONDEREGGER, PETER	
	NIAID	WEISS, NIKLAUS	
	NIAID	WITTEK, RICCARDO	7

INTERNATIONAL GUEST WORKERS - FY 80

SYRIA

NICHD	AL-SAKKAL, SAAD

1

TAIWAN

NIAMDD	CHAI, TUU-JYI
NCI	CHEUNG, HELEN
NCI	CHIANG, HUNG
NINCDS	KO, CHIEN-PING
NIAMDD	TAI, BETTY
NIAMDD	YANG, YVONNE

6

THAILAND

NICHD	ONTHUAM, YUPHA

1

TURKEY

NHLBI	AYKAC, IBRAHIM
NINCDS	RENDA, YAVUZ AYDIN
NIAMDD	UNLU, FIGEN

3

UNITED KINGDOM

NCI	BUSBY, STEPHEN
NICHD	CLAYTON, RICHARD
NIAMDD	FISHER, LARRY
NIAMDD	JAY, FRANCIS
NCI	KENT, PAUL
NICHD	LUTWAK-MANN, CECILIA
NICHD	MAC DONALD, MHAIRI
NICHD	MANN, THADDEUS
NIAID	MC ADAM, KEITH
NCI	MURRAY, CHRISTINE
NIAMDD	MURRAY, TIMOTHY MAC LEOD
NINCDS	REES, ROSEMARY
NIAID	SPICER, ALAN J.
NIAMDD	SUMMERFIELD, JOHN ARTHUR
NIAID	TAYLOR-ROBINSON, DAVID
NEI	WINSTANLEY, JOHN

16

USSR

NIAMDD	SKURKOVICH, SEMYON V.

1

VENEZUELA

NIDR	ARIAS-CAZORLA, SERGIO
NCI	DEJONGH GARCIA, CARLOS

2

YUGOSLAVIA

NIAID	MISIC, STANOJKA

1

SCHOLARS-IN-RESIDENCE PROGRAM

The Scholars-in-Residence Program has been designated to facilitate the work of individual scholars and the exchange of ideas among scholars, distinguished science leaders, and science administrators.

Individuals accepting an invitation to participate in the program are known as "Fogarty Scholars" during their period in residence. Invitations are limited to persons of distinction who, in the judgment of the Director of the Fogarty International Center and his staff and advisers, have the educational and cultural background plus research experience to make significant contributions to advanced study in the health sciences. Awards are made without regard to national boundaries.

While at NIH, the scholars may engage in one or more of the following types of activities: individual study, group interaction, or research.

The names, home institutions, fields of interest, and dates of residence at NIH of Fogarty Scholars are included in the listing.

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TABLE 6.--FOGARTY SCHOLARS-IN-RESIDENCE

FELLOW, NAME AND LOCATION OF HOME INSTITUTION	FIELD OF INTEREST	DATES IN RESIDENCE
LEE, CHEN-YUAN CHINA (TAIWAN)	PHARMACOLOGY	09-01-80/12-31-80
GRUNBERG-MANAGO, MARIANNE FRANCE	MOLECULAR BIOLOGY	06-28-80/09-29-80
MONIER, ROGER FRANCE	MOLECULAR BIOLOGY	06-06-79/09-08-79
HOLZER, HELMUT GERMAN FED REP	BIOCHEMISTRY	09-11-80/12-10-80
FELDMAN, MICHAEL ISRAEL	CELL BIOLOGY	10-14-78/06-13-79
LINDER, HANS R ISRAEL	ENDOCRINOLOGY	08-05-80/08-04-81
RAMOT, BRACHA ISRAEL	HEMATOLOGY	03-19-80/03-18-81
SHALTIEL, SHMUEL ISRAEL	BIOCHEMISTRY	09-18-80/09-17-81
SHARON, NATHAN ISRAEL	BIOCHEMISTRY	09-18-80/12-17-80
WILCHEK, MEIR ISRAEL	BIOPHYSICS	03-29-81/10-30-81

TABLE 6.--FOGARTY SCHOLARS-IN-RESIDENCE

FELLOW, NAME AND LOCATION OF HOME INSTITUTION	FIELD OF INTEREST	DATES IN RESIDENCE
SALVATORE, GAETANO ITALY	ENDOCRINOLOGY	06-18-80/10-17-80
SUGIMURA, TAKASHI JAPAN	BIOCHEMISTRY, ONCOLOGY	08-10-79/11-09-79
YAJIMA, HARUAKI JAPAN	ORGANIC CHEMISTRY AND PEPTIDE CHEMISTRY	03-16-80/08-15-80
NISHIMURA, HIDEO JAPAN	EMBRYOLOGY AND TERATOLOGY	07-01-79/10-31-79
MONGE, CARLOS PERU	PHYSIOLOGY	01-25-80/01-24-81
HANSON, LARS A SWEDEN	IMMUNOLOGY AND NUTRITION	08-27-79/11-27-80
LUFT, ROLF SWEDEN	ENDOCRINOLOGY	09-11-80/09-10-81
SVENNERHOLM, LARS SWEDEN	NEUROCHEMISTRY	01-28-80/06-27-80
ANDERSON, FERGUSON UNITED KINGDOM	BIOCHEMISTRY	10-04-79/10-03-80

TABLE 6.--FOGARTY SCHOLARS-IN-RESIDENCE

FELLOW, NAME AND LOCATION OF HOME INSTITUTION	FIELD OF INTEREST	DATES IN RESIDENCE
BURGEN, ARNOLD S UNITED KINGDOM	MOLECULAR PHARMACOLOGY	07-02-79/11-01-79
METCALFE, JAMES C UNITED KINGDOM	BIOCHEMISTRY	12-31-79/03-31-80
PICKERING, GEORGE UNITED KINGDOM	INTERNAL MEDICINE	10-15-79/01-14-80
STUART-HARRIS, CHARLES UNITED KINGDOM	CLINICAL VIROLOGY	11-27-79/05-25-80
BARONDES, SAMUEL H UNITED STATES	BIOCHEMISTRY AND NEUROBIOLOGY	10-01-79/01-31-80
BERNHARD, SIDNEY A UNITED STATES	BIOCHEMISTRY	09-02-78/06-01-80
HURWITZ, JERARD UNITED STATES	BIOCHEMISTRY	02-11-81/05-30-81
PALAY, SANFORD L UNITED STATES	NEURO-ANATOMY	11-26-79/07-25-80
RAINER, SARAH UNITED STATES	BIOCHEMISTRY	01-13-80/06-12-80
SCHACHMAN, HOWARD K UNITED STATES	BIOCHEMISTRY	03-01-81/06-30-81
SHEMIN, DAVID UNITED STATES	BIOCHEMISTRY	01-02-81/03-31-81

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INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

The Fogarty International Center administers the International Research Fellowship Program under which young scientists from foreign countries come to the United States for up to 2 years of advanced research training. Fellows are required to return to their respective countries at the termination of their fellowships. Followup surveys indicate that a majority of fellows continue to work individually and in collaboration with former United States preceptors on research projects of interest to the United States after their return home and thus contribute significantly to the health of the American people as well as to biomedical research in their own country.

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TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
ARGENTINA		
CACERES, ALFREDO O	ENDOCRINOLOGY	OSWALD, STEWARD UNIVERSITY OF VIRGINIA CHARLOTTESVILLE CHARLOTTESVILLE VIRGINIA
CIOCCA, DANIEL R	ONCOLOGY	RUSSO, JOSE MICHIGAN CANCER FOUNDATION DETROIT MICHIGAN
FERNANDEZ-PARDAL, J	NEUROPHARMACOLOGY	SAAVEDRA, JUAN M U.S. ST. ELIZABETH'S HOSPITAL WASHINGTON DIST OF COL
JUDEWICZ, NORBERTO D	MOLECULAR BIOLOGY	ROEDER, ROBERT G WASHINGTON UNIVERSITY SAINT LOUIS MISSOURI
LEIKIN, ALICIA I	FAT AND LIPID BIOCHEMISTRY	SCANU, ANGELO M UNIVERSITY OF CHICAGO CHICAGO ILLINOIS
MARTIN, RODOLFO S	NEUROSCIENCES	HAYSLETT, JOHN P YALE UNIVERSITY NEW HAVEN CONNECTICUT
MEDRANO, ESTELA E	MOLECULAR BIOLOGY	PARDEE, ARTHUR B SIDNEY FARBER CANCER INSTITUTE BOSTON MASSACHUSETTS
AUSTRALIA		
CULVENOR, ANNE J	NEURO/MUSCULAR PHYSIOLOGY	LOVENBERG, WALTER U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
DRY, PAMELA J	IMMUNOLOGY	PAYNE, ROSE STANFORD UNIVERSITY STANFORD CALIFORNIA

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
AUSTRALIA HOLLAND, MICHAEL K	ENZYME/METABOLISM BIOCHEMISTRY	STOREY, BAYARD T UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PENNSYLVANIA
RICH, KATHRYN A	CELL DIVISION	BARDIN, C WAYNE POPULATION COUNCIL NEW YORK NEW YORK
WARK, JOHN D	ENDOCRINOLOGY	TASHJIAN, ARMEN H, JR HARVARD UNIVERSITY BOSTON MASSACHUSETTS
AUSTRIA OBERLEITHNER, HANS	BLOOD/BLOOD FORMING PHYSIOLOGY	GIEBISCH, GERHARD H YALE UNIVERSITY NEW HAVEN CONNECTICUT
BELGIUM ALBERT, ADELIN I	BIOSTATISTICS	HARRIS, EUGENE K U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
DE BAETS, MARC	HEMATOLOGY/IMMUNOLOGY	WEIGLE, WILLIAM O SCRIPPS CLINIC AND RESEARCH FOUNDATION LA JOLLA CALIFORNIA
DEHAYE, JEAN P	CARBOHYDRATE BIOCHEMISTRY	EXTON, JOHN H VANDERBILT UNIVERSITY NASHVILLE TENNESSEE
DEKEYSER, LUC J	BIOSCIENCES	BOLOUR, AZAD UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO CALIFORNIA
PAULUS, WALTER J	CARDIOVASCULAR DISEASES	GROSSMAN, WILLIAM PETER BENT BRIGHAM HOSPITAL BOSTON MASSACHUSETTS

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
BELGIUM		
SARIBAN, SARAH S	RENAL DISEASES	BURG, MAURICE B U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
BRAZIL		
FIGUEIREDO, AMINTAS F	ENZYME/METABOLISM BIOCHEMISTRY	INAGAMI, TADASHI VANDERBILT UNIVERSITY NASHVILLE TENNESSEE
GATTASS, RICARDO	NEUROANATOMY	GROSS, CHARLES G PRINCETON UNIVERSITY PRINCETON NEW JERSEY
LENT, ROBERTO	NEURO/MUSCULAR PHYSIOLOGY	SCHNEIDER, GERALD E MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE MASSACHUSETTS
LIMA-JOAO, AUGUSTO C	CARDIOVASCULAR DISEASES	WEISFELDT, MYRON L JOHNS HOPKINS HOSPITAL BALTIMORE MARYLAND
NERY, LUIZ E	PHYSIOLOGY	WASSERMAN, KARLMAN UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIFORNIA
SOUSA, AGLAI P	NEURO/MUSCULAR PHYSIOLOGY	GROSS, CHARLES G PRINCETON UNIVERSITY PRINCETON NEW JERSEY
CHILE		
BRAVO, HERMES	NEUROANATOMY	PETTIGREW, JOHN D CALIFORNIA INSTITUTE OF TECHNOLOGY PASADENA CALIFORNIA
KULJIS, RODRIGO O	NEUROANATOMY	KARTEN, HARVEY J STATE UNIVERSITY NEW YORK STONY BROOK STONY BROOK NEW YORK

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
CHINA (TAIWAN)		
LU, GUO WEI	NEUROSCIENCES	DUBNER, RONALD U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
QU, ZHI-PING	NEUROSCIENCES	TOWER, DONALD B U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
TENG, CHE-MING	BLOOD/BLOOD FORMING PHYSIOLOGY	SEEGERS, WALTER H WAYNE STATE UNIVERSITY DETROIT MICHIGAN
DENMARK		
JAKOBSEN, JOHANNES	NEURO/MUSCULAR PHYSIOLOGY	DYCK, PETER J MAYO FOUNDATION ROCHESTER MINNESOTA
JENSEN, JENS I	PULMONARY DISEASES	BELLVILLE, J WELDON UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIFORNIA
FINLAND		
FRAKI, JORMA E	ENZYME/METABOLISM BIOCHEMISTRY	LAZARUS, GERALD S DUKE UNIVERSITY DURHAM NORTH CAROLINA
LAHTEENMAKI, PEKKA O	ENDOCRINOLOGY	MISHELL, DANIEL R UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIFORNIA
LEISTI, SEPPO J	HUMAN/CLINICAL NUTRITION	GRUMBACH, MELVIN M UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO CALIFORNIA

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TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
FINLAND		
PALVA, TAPIO E	BIOSCIENCES	SILHAVY, THOMAS J U.S. FREDERICK CANCER RES CTR FREDERICK MARYLAND
RUUSKANEN, OLLI J	PEDIATRIC INFECTIOUS DISEASES	POLMAR, STEPHEN H CASE WESTERN RESERVE UNIVERSITY CLEVELAND OHIO
SALMI, TOIVO T	ONCOLOGY	GROSS, SAMUEL CASE WESTERN RESERVE UNIVERSITY CLEVELAND OHIO
STJERNSCHANTZ, JOHAN W	NEURO/MUSCULAR PHYSIOLOGY	SEARS, MARVIN L YALE UNIVERSITY NEW HAVEN CONNECTICUT
TENOVUO, JORMA O	GENERAL HEALTH-RELATED TRAINING	PRUITT, KENNETH M UNIVERSITY OF ALABAMA IN BIRMINGHAM BIRMINGHAM ALABAMA
UOTILA, LASSE J	ENZYME/METABOLISM BIOCHEMISTRY	SUTTIE, JOHN W UNIVERSITY OF WISCONSIN MADISON MADISON WISCONSIN
VILPO, JUHANI A	MOLECULAR STRUCTURE	BECK, WILLIAM S MASSACHUSETTS GENERAL HOSPITAL BOSTON MASSACHUSETTS
FRANCE		
CHEVALIER, JACQUES M	MOLECULAR BIOLOGY	HANDLER, JOSEPH S U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
CREMISI, CHANTAL	ATOMIC STRUCTURE	WEINTRAUB, HAROLD M FRED HUTCHINSON CANCER RESEARCH CENTER SEATTLE WASHINGTON

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
FRANCE		
DARMON, MICHEL Y	MOLECULAR BIOLOGY	SATO, GORDON H UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA CALIFORNIA
DESAYMARD, CATHERINE M	MOLECULAR BIOLOGY	SCHARFF, MATTHEW D YESHIVA UNIVERSITY NEW YORK NEW YORK
JOB, DIDIER R	ENDOCRINOLOGY	FISCHER, EDMOND H UNIVERSITY OF WASHINGTON SEATTLE WASHINGTON
REACH, GERARD C	TISSUE CULTURE: CELL BIOLOGY	GERICH, JOHN E MAYO FOUNDATION ROCHESTER MINNESOTA
GERMANY FED R		
SCHAFER, ULRICH E	BIOCHEMICAL AND MOLECULAR GENETICS	ROSBASH, MICHAEL M BRANDEIS UNIVERSITY WALTHAM MASSACHUSETTS
HONG KONG		
TENG, CHONG S	ENDOCRINOLOGY	DE GROOT, LESLIE J UNIVERSITY OF CHICAGO CHICAGO ILLINOIS
INDIA		
KATOCH, VISHWA M	BACTERIOLOGY	WAYNE, LAWRENCE G U.S. VETERANS ADMINISTRATION MEDICAL CTR LONG BEACH CALIFORNIA
ISRAEL		
ATLAS, DAPHNE Z	NEUROPHARMACOLOGY	DALY, JOHN W U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
ISRAEL		
BERRY, ELLIOT M	METABOLIC DISEASES	HIRSCH, JULES ROCKEFELLER UNIVERSITY NEW YORK NEW YORK
GORELIK, ELIEZER	ONCOLOGY	HERBERMAN, RONALD B U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
ITSKOVITZ, E JOSEPH	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	RUDOLPH, ABRAHAM M UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO CALIFORNIA
KLOOG, YOEL	PROTEIN/AMINO ACID BIOCHEMISTRY	AXELROD, JULIUS U.S. ALCOHOL, DRUG ABUSE & MTL HLTH ADM ROCKVILLE MARYLAND
LIGUMSKY, MOSHE	GASTROENTEROLOGY	GROSSMAN, MORTON I U.S. VETERANS ADMIN WADSWORTH MED CTR LOS ANGELES CALIFORNIA
NATHAN, ILANA	MOLECULAR BIOLOGY	GOLDE, DAVID W UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIFORNIA
RECHES, AVINOAM	PHARMACOLOGY	FAHN, STANLEY COLUMBIA UNIVERSITY NEW YORK NEW YORK
ROTTER, VARDA Y	ENDOCRINOLOGY	BALTIMORE, DAVID MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE MASSACHUSETTS
SHAFFERMAN, AVIGDOR	ENDOCRINOLOGY	HELINSKI, DONALD R UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA CALIFORNIA
SHOUVAL, DANIEL S	CELL RADIATION	SHAFRITZ, DAVID A YESHIVA UNIVERSITY NEW YORK NEW YORK

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
ITALY		
ANTONINI, ANTONELLA	NEURO/MUSCULAR PHYSIOLOGY	SPRAGUE, JAMES M UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PENNSYLVANIA
CARMASSI, FRANCO	HEMATOLOGY	CHUNG, SOO I U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
COLETTA, MASSIMILIANO	NUCLEIC ACID BIOCHEMISTRY	EATON, WILLIAM A U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
COSSU, GIULIO	BIOCHEMISTRY	WARREN, LEONARD WISTAR INSTITUTE OF ANATOMY AND BIOLOGY PHILADELPHIA PENNSYLVANIA
FERRANNINI, ELEUTERIO	ENDOCRINOLOGY	FELIG, PHILIP YALE UNIVERSITY NEW HAVEN CONNECTICUT
LACCETTI, PAOLO	ENDOCRINOLOGY	KOHN, LEONARD D U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
MARENI, CRISTINA E	BIOCHEMICAL AND MOLECULAR GENETICS	MIGEON, BARBARA R JOHNS HOPKINS UNIVERSITY BALTIMORE MARYLAND
JAPAN		
IMAI, KOHZOH	IMMUNOLOGY	REISFELD, RALPH A SCRIPPS CLINIC AND RESEARCH FOUNDATION LA JOLLA CALIFORNIA
KABUTO, MICHINORI	ENDOCRINOLOGY	WURTMAN, RICHARD J MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE MASSACHUSETTS

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
JAPAN		
KASUGA, MASATO	CARBOHYDRATE BIOCHEMISTRY	KAHN, RONALD C U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
KUWAJIMA, KUNIHIRO	OTORHINOLARYNGOLOGY	BALDWIN, ROBERT L STANFORD UNIVERSITY STANFORD CALIFORNIA
OKUDA, KATSUJI	NEUROSCIENCES	GENCO, ROBERT J STATE UNIVERSITY OF NEW YORK AT BUFFALO BUFFALO NEW YORK
OMURA, KIYOSHI	GASTROENTEROLOGY	MATALON, REUBEN UNIVERSITY OF ILLINOIS MEDICAL CENTER CHICAGO ILLINOIS
SASAKAWA, CHIHIRO	MOLECULAR BIOLOGY	BERG, DOUGLAS E WASHINGTON UNIVERSITY SAINT LOUIS MISSOURI
SHIBUYA, MASABUMI	VIROLOGY	HANAFUSA, HIDESABURO ROCKEFELLER UNIVERSITY NEW YORK NEW YORK
YANO, HIDEO	PROTEIN/AMINO ACID BIOCHEMISTRY	WIGGERS, KENNETH D IOWA STATE UNIVERSITY OF SCIENCE & TECH AMES IOWA
KOREA REP OF		
KIM, YOUNG-CHOON	ENDOCRINOLOGY	CHEY, WILLIAM Y UNIVERSITY OF ROCHESTER ROCHESTER NEW YORK
MEXICO		
FRIXIONE-GARDUNO, A	MOLECULAR BIOLOGY	TILNEY, LEWIS G UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PENNSYLVANIA

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
MEXICO		
SANCHEZ-ARMASS, SERGIO	NEURO/MUSCULAR PHYSIOLOGY	BLAUSTEIN, MORDECAI P UNIVERSITY OF MARYLAND AT BALTIMORE BALTIMORE MARYLAND
SANCHEZ, FEDERICO	BIOCHEMICAL AND MOLECULAR GENETICS	MC CARTHY, BRIAN J UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO CALIFORNIA
NETHERLANDS		
PAUL, LEENDERT C	RENAL DISEASES	CARPENTER, C B PETER BENT BRIGHAM HOSPITAL BOSTON MASSACHUSETTS
VERBRUGH, HENRI A	INFECTIOUS DISEASES	QUIE, PAUL G UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINNESOTA
NEW ZEALAND		
MC LEAN, JOHN W	CELL PHYSIOLOGY	TAYLOR, JOHN M PENNSYLVANIA STATE UNIV HERSHEY MED CTR HERSHEY PENNSYLVANIA
ROBINSON, ALISON M	ENZYME/METABOLISM BIOCHEMISTRY	PARK, CHARLES R VANDERBILT UNIVERSITY NASHVILLE TENNESSEE
SARELIUS, INGRID H	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	DULING, BRIAN R UNIVERSITY OF VIRGINIA CHARLOTTESVILLE CHARLOTTESVILLE VIRGINIA
TEAGUE, CLINTON A	PATHOLOGY	WEISBURGER, J H AMERICAN HEALTH FOUNDATION VALHALLA NEW YORK
TERVIT, HARRY R	NEUROSCIENCES	ELSDEN, REGINALD P COLORADO STATE UNIVERSITY FORT COLLINS COLORADO

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
NEW ZEALAND		
WOLFF, JOHN E	REPRODUCTIVE PHYSIOLOGY	MESCHIA, GIACOMO UNIVERSITY OF COLORADO HLTH SCIENCES CTR DENVER COLORADO
NICARAGUA		
ADELUSI, BABATUNDE	MICROBIOLOGY	NAHMIAS, ANDRE J EMORY UNIVERSITY ATLANTA GEORGIA
NIGERIA		
BADEMOSI, ADEDAPO K	PHARMACOLOGY	PORTER, ROGER J U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
TAYO, FOLA M	PHARMACOLOGY	BEAVAN, JOHN A UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIFORNIA
NORWAY		
HENRIKSEN, TORE	METABOLIC DISEASES	STEINBERG, DANIEL UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA CALIFORNIA
OSE, LEIV	GASTROENTEROLOGY	GLICKMAN, ROBERT M COLUMBIA UNIVERSITY NEW YORK NEW YORK
SAUGSTAD, OLA D	BIOSCIENCES	GLUCK, LOUIS UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA CALIFORNIA
PERU		
ALVAREZ, JOSE D	NUTRITION	KRUMDIECK, CARLOS L UNIVERSITY OF ALABAMA IN BIRMINGHAM BIRMINGHAM ALABAMA

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
PERU PAZ-ALIAGA, BENJAMIN E	MOLECULAR BIOLOGY	PEDERSON, THORU WORCESTER FDN FOR EXPER BIOLOGY SHREWSBURY MASSACHUSETTS
SOTO, JULIO C	IMMUNOCHEMISTRY	SULZER, ALEXANDER J U.S. CENTER FOR DISEASE CONTROL ATLANTA GEORGIA
PHILIPPINES BACSAL, FE FLORA E	NEUROSCIENCES	ESCUETA, ANTONIO V UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIFORNIA
POLAND KOWALCZYK, JERZY R	GENETICS	SANDBERG, AVERY A ROSWELL PARK MEMORIAL INSTITUTE BUFFALO NEW YORK
SPAIN ANDREU, JOSE M	PHYSICAL BIOCHEMISTRY	TIMASHEFF, SERGE N BRANDEIS UNIVERSITY WALTHAM MASSACHUSETTS
ARANDA, ANA MARIA	ENDOCRINOLOGY	SAMUELS, HERBERT H NEW YORK UNIVERSITY NEW YORK NEW YORK
BERNABEU, CARMELO	PROTEIN/AMINO ACID BIOCHEMISTRY	LAKE, JAMES A UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIFORNIA
CABRERA, CARLOS V	GROWTH AND DEVELOPMENT	DAVIDSON, ERIC H CALIFORNIA INSTITUTE OF TECHNOLOGY PASADENA CALIFORNIA

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
SPAIN		
CORCES, VICTOR G	MOLECULAR BIOLOGY	MESELSON, MATTHEW S HARVARD UNIVERSITY CAMBRIDGE MASSACHUSETTS
GOMEZ-RAMOS, M PILAR	NEURO/MUSCULAR PHYSIOLOGY	SAMSON, FRED E UNIVERSITY OF KANSAS COL HLTH SCI & HOSP KANSAS CITY KANSAS
MARTIN-REQUERO, ANGELES	NEUROSCIENCES	WILLIAMSON, JOHN R UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PENNSYLVANIA
PALACIOS SANTIBANEZ, JOSE	BIOCHEMISTRY	KUHAR, MICHAEL J JOHNS HOPKINS UNIVERSITY BALTIMORE MARYLAND
ROCHA, ELISABET P	MOLECULAR BIOLOGY	VAN HOLDE, KENSAL E OREGON STATE UNIVERSITY CORVALLIS OREGON
SWEDEN		
AXELSSON, INGE S	PROTEIN/AMINO ACID BIOCHEMISTRY	HOWELL, DAVID S UNIVERSITY OF MIAMI MIAMI FLORIDA
EHRNST, ANNEKA C	MICROBIOLOGY	HUANG, ALICE S HARVARD UNIVERSITY BOSTON MASSACHUSETTS
JACOBSSON, BO A	ENDOCRINOLOGY	POHL, STEPHEN L UNIVERSITY OF VIRGINIA CHARLOTTESVILLE CHARLOTTESVILLE VIRGINIA
OLIW, ERNST H	PHARMACOLOGY	OATES, JOHN A VANDERBILT UNIVERSITY NASHVILLE TENNESSEE

BEST DOCUMENT AVAILABLE

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
SWEDEN		
SVANBORG-EDEN, CATHARINA	INFECTIOUS DISEASES	FRETER, ROLF G UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR MICHIGAN
WIDERLOV, ERIK K	PHARMACOLOGY	BREESE, GEORGE UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL NORTH CAROLINA
SWITZERLAND		
ALTHAUS, FELIX R	CELL PHYSIOLOGY	PITOT, HENRY C UNIVERSITY OF WISCONSIN MADISON MADISON WISCONSIN
BURKHALTER, ANDREAS	NEURO/MUSCULAR PHYSIOLOGY	ESSEN, D C CALIFORNIA INSTITUTE OF TECHNOLOGY PASADENA CALIFORNIA
RIZZOLI, RENE E	BIOCHEMISTRY	AURBACH, G D U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
SCHAFFNER, ANDREAS B	RELIGION	BRAUDE, ABRAHAM I UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA CALIFORNIA
SCHWERZMANN, KLAUS	ENZYME/METABOLISM BIOCHEMISTRY	PEDERSEN, PETER L JOHNS HOPKINS UNIVERSITY BALTIMORE MARYLAND
TANZANIA		
MWALUKO, GABRIEL	PHARMACOLOGY	WEINSHILBOUM, RICHARD MAYO FOUNDATION ROCHESTER MINNESOTA

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
UNITED KINGDOM		
ANDREW, PETER W	INFECTIOUS DISEASES	JONES, THOMAS C CORNELL UNIVERSITY MEDICAL CENTER NEW YORK NEW YORK
ATKINSON, ALBERT B	ENDOCRINOLOGY	RABIN, DAVID VANDERBILT UNIVERSITY NASHVILLE TENNESSEE
CLARK, COLIN R	FETAL DEVELOPMENT	NAFTOLIN, F YALE UNIVERSITY NEW HAVEN CONNECTICUT
GRIFFITHS, PAUL D	VIROLOGY	ALFORD, CHARLES A, JR UNIVERSITY OF ALABAMA IN BIRMINGHAM BIRMINGHAM ALABAMA
RAJAGOPALAN, BHEESHMA	CARDIOVASCULAR DISEASES	ZAPOL, WARREN M MASSACHUSETTS GENERAL HOSPITAL BOSTON MASSACHUSETTS
ROTHMAN, MARTIN T	NEUROSCIENCES	HARRISON, DONALD C STANFORD UNIVERSITY STANFORD CALIFORNIA
SPELLACY, ELIZABETH	BIOCHEMISTRY	NEUFELD, ELIZABETH F U.S. NATIONAL INSTITUTES OF HLTH BETHESDA MARYLAND
URUGUAY		
CRISPINO, LUIS A	NEURO/MUSCULAR PHYSIOLOGY	BULLOCK, THEODORE H UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA CALIFORNIA
LORENZO, DANIEL A	NEUROANATOMY	DECIMA, EMILIO E UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIFORNIA

TABLE 7.--INTERNATIONAL RESEARCH FELLOWSHIP PROGRAM

NAME AND COUNTRY OF FELLOW	FIELD OF INTEREST	NAME AND INSTITUTION OF PRECEPTOR
YUGOSLAVIA		
CEMERIKIC, DUSAN A	RENAL DISEASES	GIEBISCH, GERHARD H YALE UNIVERSITY NEW HAVEN CONNECTICUT

NATIONAL RESEARCH SERVICE AWARDS

Under NIH National Research Service Awards, predoctoral, postdoctoral, and special fellowships to promote training for research in health-related sciences are granted each year to U.S. citizens, noncitizen nationals of the United States, or persons who have been lawfully admitted to the United States for permanent residence. With acceptable justification, these fellowships may be taken at foreign institutions. Fellowships are not awarded for study leading to the M.D., D.D.S., D.V.M., or other applied science degree.

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TABLE 8.--NATIONAL RESEARCH SERVICE AWARDS

COUNTRY, INSTITUTION AND NAME OF FELLOW	SPONSOR	FIELD OF INTEREST
BELGIUM		
CATHOLIC UNIVERSITY OF LOUVAIN		
JETT, MARY F	NIAMD	ENZYME/METABOLISM BIOCHEMISTRY
CANADA		
DALHOUSIE UNIVERSITY		
ESKES, GAIL A	NICHD	REPRODUCTIVE PHYSIOLOGY
HOSPITAL FOR SICK CHILDREN		
ANDRULIS, IRENE L	NIGMS	BIOCHEMICAL AND MOLECULAR GENETICS
UNIVERSITY OF BRITISH COLUMBIA		
ASIN, KAREN E	NINCS	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY
UNIVERSITY OF CALGARY		
ANDREWS, GLEN K	NIGMS	CELL BIOLOGY
CHRISTENSEN, MARK E	NIGMS	BIOCHEMICAL AND MOLECULAR GENETICS
WALKER, STEVEN E	NEI	NEUROANATOMY
UNIVERSITY OF TORONTO		
ROTH, ERIC A	NICHD	KINSHIP, CLAN, TRIBE
THOMPSON, CHARLIE S, JR	NINCS	NEURO/MUSCULAR PHYSIOLOGY
UNIVERSITY OF WESTERN ONTARIO		
MC GRATH, PATRICIA A	NIDR	ANESTHESIOLOGY IN DENTISTRY
FRANCE		
NATIONAL AGRONOMY RESEARCH CENTER		
DAHL, GARY A	NCI	BIOCHEMICAL AND MOLECULAR GENETICS
NATIONAL CENTER FOR SCIENTIFIC RESEARCH--GIF-SUR-YVETTE LABORATORIES		
SPERLING, LINDA	NEI	BIOCHEMISTRY
PASTEUR INSTITUTE		
HOLTON, BEATRICE	NINCS	BIOLOGY
KALLAS, TOIVO	NIGMS	MICROBIAL BIOCHEMISTRY
SWEETMAN, LAWRENCE	NIAMD	BIOCHEMISTRY
GERMANY FED R		
EUROPEAN MOLECULAR BIOLOGY ORGANIZATION		
WHITE, JUDITH M	NIAID	NEURO/MUSCULAR PHYSIOLOGY
MAX PLANCK SOCIETY FOR THE ADVANCEMENT OF SCIENCE--INSTITUTE FOR BIOCHEMISTRY		
WELKER, DENNIS L	NCI	RADIOBIOLOGY
RUPERT CHARLES UNIVERSITY OF HEIDELBERG		
CARSTENS, EARL E	NINCS	NEURO/MUSCULAR PHYSIOLOGY

TABLE 8.--NATIONAL RESEARCH SERVICE AWARDS

COUNTRY, INSTITUTION AND NAME OF FELLOW	SPONSOR	FIELD OF INTEREST
GERMANY FED R		
RUPERT CHARLES UNIVERSITY OF HEIDELBERG		
LAGENAUR, CARL F	NINCS	IMMUNOLOGY
ISRAEL		
HEBREW UNIVERSITY OF JERUSALEM		
SLATER, PAUL E	NIAMD	HUMAN/CLINICAL NUTRITION
TEL AVIV UNIVERSITY		
BAYER, EDWARD A	NIEHS	GENERAL ENVIRONMENTAL HEALTH
PELLEG, AMIR	NHLBI	CARDIOVASCULAR/PULMONARY PHYSIOLOGY
WEIZMANN INSTITUTE OF SCIENCE		
BROIDO, MICHELLE S	NIGMS	BIOPHYSICS
JAPAN		
NATIONAL INSTITUTE FOR PHYSIOLOGICAL SCIENCES		
ISHIDA, ANDREW T	NEI	PHYSIOLOGY
NETHERLANDS		
STATE UNIVERSITY OF UTRECHT		
KAUER, JOHN S	NINCS	PHYSIOLOGY
NORWAY		
UNIVERSITY OF OSLO		
BARNES, CAROL A	NIA	NEURO/MUSCULAR PHYSIOLOGY
SWEDEN		
CAROLINE INSTITUTE		
FEINMARK, STEVEN J	NHLBI	FAT AND LIPID BIOCHEMISTRY
UNIVERSITY OF LUND		
JOSEPH, DANIEL S	NHLBI	NEURO/MUSCULAR PHYSIOLOGY
SCHMIDT, RICHARD H	NINCS	BIOLOGY
SWITZERLAND		
UNIVERSITY OF GENEVA		
HIPSKIND, ROBERT A	NIGMS	BIOCHEMICAL AND MOLECULAR GENETICS
WAKE, CLAIRE T	NIAID	BIOCHEMICAL AND MOLECULAR GENETICS
WARDZALA, LAWRENCE J	NIAMD	HORMONE/VITAMIN BIOCHEMISTRY
UNITED KINGDOM		
IMPERIAL CANCER RESEARCH FUND		
CHRISTENSEN, JAMES R	NCI	VIROLOGY

TABLE 8.--NATIONAL RESEARCH SERVICE AWARDS

COUNTRY, INSTITUTION AND NAME OF FELLOW	SPONSOR	FIELD OF INTEREST
UNITED KINGDOM		
IMPERIAL CANCER RESEARCH FUND		
ENRIETTO, PAULA J	NCI	VIROLOGY
KNOWLES, ROBERT W	NIAID	IMMUNOCHEMISTRY
MEDICAL RESEARCH COUNCIL		
GOLDENBERG, DAVID P	NIGMS	BIOPHYSICS
HEDGECOCK, EDWARD M	NIAID	PARASITOLOGY
KIMBLE, JUDITH E	NIGMS	BIOCHEMICAL AND MOLECULAR GENETICS
OTSUKA, ANTHONY J	NIGMS	GENETICS
SCHULMAN, JESSE A	NINCS	BIOCHEMISTRY
SHARROCK, WILLIAM J	NIGMS	BIOCHEMICAL AND MOLECULAR GENETICS
ROWETT RESEARCH INSTITUTE		
SUNDE, ROGER A	NIAMD	ENZYME/METABOLISM BIOCHEMISTRY
UNIVERSITY OF CAMBRIDGE		
BAKER, CURTIS L, JR	NEI	BIOLOGY
MATZINGER, POLLY E	NIAID	IMMUNOLOGY
SIEGLER, MELODY V	NINCS	BIOLOGY
YAU, KING-WAI	NEI	PHYSIOLOGY
UNIVERSITY OF EDINBURGH		
WAINWRIGHT, NORMAN	NEI	BIOCHEMISTRY
UNIVERSITY OF GLASGOW		
KIPP, DALE E	NCI	IMMUNOLOGY
UNIVERSITY OF LEEDS		
HANCK, DOROTHY A	NHLBI	CARDIOVASCULAR/PULMONARY PHYSIOLOGY
UNIVERSITY OF LONDON		
PERA, MARTIN F, JR	NCI	CYTOPATHOLOGY
UNIVERSITY OF OXFORD		
DI SCIPIO, RICHARD G	NIAID	IMMUNOCHEMISTRY
ILGREN, EDWARD B	NICHD	DEVELOPMENTAL BIOLOGY
KAUFMAN, JAMES F	NIAID	IMMUNOLOGY
KOOS, BRIAN J	NICHD	DEVELOPMENTAL BIOLOGY
UNIVERSITY OF SUSSEX		
ART, JONATHAN J	NINCS	PHYSIOLOGY

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INTERNATIONAL COLLABORATION IN INFECTIOUS DISEASES RESEARCH (ICIDR)

The ICIDR Program was established by NIAID in FY 1979. Under the ICIDR Program, emphasis is given to developing relationships between U.S. institutions and counterpart institutions abroad in infectious diseases research. Grants are made to the U.S. institutions but at least 80 percent of the funding of each must be spent abroad. Grants are awarded under two categories - program project (part A) grants for collaborative research in a series of related projects and exploratory project (part B) grants between individual scientists in a single area.

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INTERNATIONAL COLLABORATION IN INFECTIOUS DISEASES

COUNTRY/FOREIGN INSTITUTION	U.S. INSTITUTION/PRINCIPAL INVESTIGATOR	TITLE OF GRANT	GRANT NO.	DOLLARS
		PART A		
BRAZIL FEDERAL UNIVERSITY OF BAHIA	HARVARD SCHOOL OF PUBLIC HEALTH THOMAS H. WELLER	ENDEMIC SCHISTOSOMIASIS AND CHAGAS' DISEASE IN BRAZIL	AI16305-02	330,709
FEDERAL UNIVERSITY OF BAHIA AND UNIVERSITY OF BRASILIA	CORNELL UNIVERSITY MEDICAL COLLEGE THOMAS C. JONES	BASIC AND APPLIED RESEARCH IN PROTOZOAN DISEASES	AI16282-02	793,235
COLOMBIA COLCIENCIAS CALI	TULANE UNIVERSITY THOMAS C. ORIHEL	RESEARCH ON SELECTED VECTOR-BORNE PARASITIC DESEASES OF MAN	AI16315-01	442,935
SUDAN MINISTRY OF HEALTH, KHARTOUM	MICHIGAN STATE UNIVERSITY JEFFREY F. WILLIAMS	COLLABORATIVE RESEARCH ON PARASITIC DISEASES IN SUDAN	AI16312-02	400,931
THAILAND CHIANG MAI UNIVERSITY	UNIVERSITY OF ILLINOIS KENRAD E. NELSON	IMMUNOBIOLOGY AND EPIDEMIOLOGY OF LEPROSY	AI16308-02	604,929
		PART B		
BRAZIL FUNDACAO OSWALDO CRUZ RIO DE JANEIRO	UNIVERSITY OF SOUTH FLORIDA GARY E. RODRICK	SCHISTOSOME SUSCEPTIBILITY STUDY ON BRAZILIAN SNAILS	AI16287-02	25,827
FEDERAL UNIVERSITY OF RIO DE JANEIRO	COLUMBIA UNIVERSITY PHILIP D'ALLESSANDRO	SURFACE RECEPTORS IN VISCERAL LEISHMANIASIS	AI16314-01	*
INDIA ALIGARH MUSLIM UNIVERSITY, ALIGARH	UNIVERSITY OF HAWAII WASIM A. SIDDIQUI	*IN VITRO* CULTIVATION OF HUMAN *MALARIAL* PARASITES	AI16273-02	55,850

* EXTENDED TO 3/31/81 WITHOUT ADDITIONAL FUNDS

INTERNATIONAL COLLABORATION IN INFECTIOUS DISEASES

COUNTRY/FOREIGN INSTITUTION	U.S. INSTITUTION/PRINCIPAL INVESTIGATOR	TITLE OF GRANT	GRANT NO.	DOLLARS
NIGERIA				
UNIVERSITY OF NIGERIA NSUKKA	OHIO STATE UNIVERSITY JOHN D. BRIGGS	VECTORS OF HUMAN DISEASE (BIOLOGICAL CONTROL OF)	AI16285-02	57,164
MEXICO				
NATIONAL POLYTECHNIC INSTITUTE, MEXICO CITY	UNIVERSITY OF WASHINGTON THOMAS M. BUCHANAN	SERODIAGNOSIS OF SUBCLINICAL LEPROSY	AI16290-02	44,139
TOTAL 10	$2,755,719			

BEST DOCUMENT AVAILABLE

SENIOR INTERNATIONAL FELLOWSHIP PROGRAM

The Senior International Fellowship Program provides opportunities to U.S. biomedical educational and research institutions to nominate outstanding faculty members at midcareer, who have demonstrated productive scholarship and recognized stature in their profession, to go abroad to study and share their expertise. It is intended that this award be a career-enhancing educational experience with mutual benefits to all involved.

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TABLE 10.--SENIOR INTERNATIONAL FELLOWS

COUNTRY OF STUDY AND NAME OF FELLOW	FIELD OF INTEREST	NAME OF PRECEPTOR	HOME INSTITUTION
AUSTRALIA			
BERLIN, NATHANIEL I	PULMONARY DISEASES	NOSSAL, SIR G	NORTHWESTERN UNIVERSITY CHICAGO ILLINOIS
HAMMOND, JAMES M	REPRODUCTIVE PHYSIOLOGY	FINDLAY, J K	PENNSYLVANIA STATE UNIV HERSHEY MED CTR HERSHEY PENNSYLVANIA
HOSKINS, DALE D	REPRODUCTIVE PHYSIOLOGY	WHITE, IAN	MEDICAL RESEARCH FOUNDATION OF OREGON PORTLAND OREGON
WILSON, JOHN E	ENZYME/METABOLISM BIOCHEMISTRY	MASTERS, COLIN J	MICHIGAN STATE UNIVERSITY EAST LANSING MICHIGAN
BOLIVIA			
DANIEL, THOMAS M	INFECTIOUS DISEASES	DE MURILLO, GRACIELA L	CASE WESTERN RESERVE UNIVERSITY CLEVELAND OHIO
CANADA			
JAEGER, MARC J	PHYSIOLOGY	MACKLEM, PETER T	UNIVERSITY OF FLORIDA GAINESVILLE FLORIDA
FRANCE			
GILLESPIE, JERRY R	FAMILY SOCIOLOGY	BOUVEROT, PIERRE	UNIVERSITY OF CALIFORNIA DAVIS DAVIS CALIFORNIA

TABLE 10.--SENIOR INTERNATIONAL FELLOWS

COUNTRY OF STUDY AND NAME OF FELLOW	FIELD OF INTEREST	NAME OF PRECEPTOR	HOME INSTITUTION
FRANCE			
HAMERMAN, DAVID	CONNECTIVE TISSUE DISEASES	GRESSER, ION	YESHIVA UNIVERSITY NEW YORK NEW YORK
MARKLEY, JOHN L	BIOPHYSICS	DOUZOU, P	PURDUE UNIVERSITY WEST LAFAYETTE WEST LAFAYETTE INDIANA
MC DONOUGH, PAUL G	PHARMACO-ENDOCRINOLOGY	CEDARD, LISE	MEDICAL COLLEGE OF GEORGIA AUGUSTA GEORGIA
PAULE, MARVIN R	GENETICS	CHAMBON, PIERRE	COLORADO STATE UNIVERSITY FORT COLLINS COLORADO
ISRAEL			
CALVO, JOSEPH M	MOLECULAR BIOLOGY	YAFFE, DAVID	CORNELL UNIVERSITY ITHACA ITHACA NEW YORK
DIERSCHKE, DONALD J	ENDOCRINOLOGY	LINDNER, H R	UNIVERSITY OF WISCONSIN MADISON MADISON WISCONSIN
MECHANIC, GERALD L	MOLECULAR BIOLOGY	BINDERMAN, ITZHAK	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL NORTH CAROLINA
MOSTOFSKY, DAVID I	CLINICAL TESTING AND DIAGNOSTIC TECHNIQUES	LUBOW, ROBERT	BOSTON UNIVERSITY BOSTON MASSACHUSETTS
SUSSMAN, KARL E	ENDOCRINOLOGY	CERASI, EROL	UNIVERSITY OF COLORADO HLTH SCIENCES CTR DENVER COLORADO

TABLE 10.--SENIOR INTERNATIONAL FELLOWS

COUNTRY OF STUDY AND NAME OF FELLOW	FIELD OF INTEREST	NAME OF PRECEPTOR	HOME INSTITUTION
ISRAEL			
TAUSSIG, LYNN M	PULMONARY DISEASES	GODFREY, SIMON	UNIVERSITY OF ARIZONA TUCSON ARIZONA
ITALY			
MILNE, ERIC N	PHYSIOLOGY	GIUNTINI, CARLOS	UNIVERSITY OF CALIFORNIA IRVINE IRVINE CALIFORNIA
JAPAN			
LIN, YONGYENG	CHEMISTRY	MATSUMATO, ISAMU	UNIVERSITY OF TEXAS MED BR GALVESTON GALVESTON TEXAS
KENYA			
DAVIS, CHARLES E	INFECTIOUS DISEASES	ALLISON, TONY	UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA CALIFORNIA
DONELSON, JOHN E	GENETICS	WILLIAMS, RICHARD O	UNIVERSITY OF IOWA IOWA CITY IOWA
ENGLUND, PAUL T	BIOCHEMISTRY	WILLIAMS, R O	JOHNS HOPKINS UNIVERSITY BALTIMORE MARYLAND
NETHERLANDS			
DRESDEN, MARC H	INFECTIOUS DISEASES	BRUIJNING, C F	BAYLOR COLLEGE OF MEDICINE HOUSTON TEXAS

TABLE 10.--SENIOR INTERNATIONAL FELLOWS

COUNTRY OF STUDY AND NAME OF FELLOW	FIELD OF INTEREST	NAME OF PRECEPTOR	HOME INSTITUTION
NETHERLANDS			
RILLEMA, JAMES A	ONCOLOGY	EMMELOT, P	WAYNE STATE UNIVERSITY DETROIT MICHIGAN
NEW ZEALAND			
MALVIN, RICHARD L	NEUROENDOCRINOLOGY	ESPINER, E A	UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR MICHIGAN
PRIEST, ROBERT E	PATHOLOGY	HERDSON, PETER B	EMORY UNIVERSITY ATLANTA GEORGIA
NORWAY			
GARLID, KEITH D	PHYSICAL CHEMISTRY	RATKJE, SIGAAK	MEDICAL COLLEGE OF OHIO AT TOLEDO TOLEDO OHIO
HAUGHTON, VICTOR M	PATHOLOGY	AMUNDSEN, PER	MEDICAL COLLEGE OF WISCONSIN MILWAUKEE WISCONSIN
SPAIN			
LINDSLEY, DAN L, JR	BIOSCIENCES	GARCIA-BELLIDO, ANTONIO	UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA CALIFORNIA
ROBBINS, LEONARD G	GENETICS	GARCIA-BELLIDO, ANTONIO	MICHIGAN STATE UNIVERSITY EAST LANSING MICHIGAN

TABLE 10.--SENIOR INTERNATIONAL FELLOWS

COUNTRY OF STUDY AND NAME OF FELLOW	FIELD OF INTEREST	NAME OF PRECEPTOR	HOME INSTITUTION
SWEDEN			
SORENSEN, LEIF B	GERIATRIC SOCIOLOGY	SVANBORG, ALVAR	UNIVERSITY OF CHICAGO CHICAGO ILLINOIS
SWITZERLAND			
MYERS, HOWARD M	PHARMACOLOGY	CIMASONI, GIORGIO	UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PENNSYLVANIA
ROTH, THOMAS F	MOLECULAR BIOLOGY	KRAEHENBUHL, JEAN-PIERR	UNIVERSITY OF MARYLAND BALT CO CAMPUS CATONSVILLE MARYLAND
UNITED KINGDOM			
AGRIS, PAUL F	MOLECULAR BIOLOGY	CAMBELL, IAIN	UNIVERSITY OF MISSOURI COLUMBIA COLUMBIA MISSOURI
BANWELL, JOHN G	METABOLIC DISEASES	CUMMINGS, JOHN H	UNIVERSITY OF KENTUCKY LEXINGTON KENTUCKY
BLANCHARD, JAMES	PHARMACOLOGY	PRESCOTT, LAURIE F	UNIVERSITY OF ARIZONA TUCSON ARIZONA
BLUMENTHAL, THOMAS	GENETICS	BRENNER, SIDNEY	INDIANA UNIVERSITY BLOOMINGTON BLOOMINGTON INDIANA
BROWN, PAUL B	NEUROANATOMY	BROWN, A G	WEST VIRGINIA UNIVERSITY MORGANTOWN WEST VIRGINIA

TABLE 10.--SENIOR INTERNATIONAL FELLOWS

COUNTRY OF STUDY AND NAME OF FELLOW	FIELD OF INTEREST	NAME OF PRECEPTOR	HOME INSTITUTION
UNITED KINGDOM			
CHENG, THOMAS C	IMMUNOLOGY	SOULSBY, E J	LEHIGH UNIVERSITY BETHLEHEM PENNSYLVANIA
COOK, DAVID M	ENDOCRINOLOGY	LOWRY, P J	UNIVERSITY OF OREGON HLTH SCIENCES CTR PORTLAND OREGON
EBNER, FORD F	CYTO/HISTO CHEMISTRY	RAISMAN, GEOFFREY	BROWN UNIVERSITY PROVIDENCE RHODE ISLAND
GILDEN, DONALD H	VIROLOGY	BECKER, YECHIEL	UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PENNSYLVANIA
KAROW, ARMAND M, JR	IMMUNOLOGY	PEGG, DAVID E	MEDICAL COLLEGE OF GEORGIA AUGUSTA GEORGIA
KOSOW, DAVID P	BIOCHEMISTRY	ESNOUF, M PETER	AMERICAN NATIONAL RED CROSS WASHINGTON DIST OF COL
MACHLEDER, HERBERT I	CARDIOVASCULAR DISEASES	WOODCOCK, J P	UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIFORNIA
NORTON, LOUIS A	MOLECULAR BIOLOGY	JACKSON, SYLVIA F	UNIVERSITY OF CONNECTICUT HEALTH CENTER FARMINGTON CONNECTICUT
PUBOLS, LILLIAN M	BIOLOGY	BROWN, ALAN G	MEDICAL COLLEGE OF PENNSYLVANIA PHILADELPHIA PENNSYLVANIA
QUIGLEY, JAMES P	MOLECULAR BIOLOGY	HARRIS, HENRY	DOWNSTATE MEDICAL CENTER NEW YORK NEW YORK